Third Main Track and Grade Separation Project on the Burlington Northern Santa Fe Railway Company East-West Main Line Railroad Track SCH #2002041111

ENVIRONMENTAL IMPACT REPORT
Draft

Volume 2 - Technical Appendices

March 2003

Submitted Pursuant to: California Division 13, Public Resources Code

THE STATE OF CALIFORNIA
Department of Transportation

and

Burlington Northern Santa Fe Railway Company

March 25, 2003
Date of Approval

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Table of Contents

Volume 2 (Technical Appendices)

CRM Tech, ***Historical Resources Compliance Report***, Third Main Track and Grade Separation Project, Hobart (MP 148.9) to BAsta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angeles to Orange Counties, California, November 2002

Meyer, Mohaddes Associates, BNSF Triple Track and Grade Separation Project, Hobart to Basta, ***Traffic Impact Report***, October 2002

ENVIRON International Corporation, ***Noise Barrier Analysis*** for the Railroad along Rivera Road, Pico Rivera, California, May 15, 2002

HISTORICAL RESOURCES COMPLIANCE REPORT

DRAFT

HISTORICAL RESOURCES COMPLIANCE REPORT

Third Main Track and Grade Separation Project
Hobart (MP 148.9) to Basta (MP 163.3)
BNSF/Metrolink East-West Main Line Railroad Track
Vernon to Fullerton, Los Angles and Orange Counties, California

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CRM TECH Contract #789
USGS Los Angeles, South Gate, Whittier, La Habra, and Anaheim, Calif., 7.5' quadrangles
T2-3S R10-13W, San Bernardino Base Meridian

November 2002

SUMMARY OF FINDINGS

The present Historic Resources Compliance Report is prepared in compliance with the California Environmental Quality Act (CEQA) for the proposed third main track and grade separation project on the Burlington Northern Santa Fe (BNSF) Railway Company's East-West Main Link Railroad between Hobart (Mile Post 148.9) in the City of Vernon and Basta (MP 163.3) in the City of Fullerton, California. The project's Area of Potential Effects (APE) is delineated to encompass the actual footprint of all necessary construction activities, as well as areas adjacent to the six grade separation sites that may potentially be affected by visual, noise, and atmospheric intrusions as a result of the project. The purpose of the survey is to determine whether any "historical resources," as defined by CEQA, are present within or adjacent to the APE.

The scope of this study includes a historical/archaeological resources records search; historical background research; consultation with local governments, local historical preservation organizations, and Native American representatives; and a systematic field survey. The field survey was completed between June 21 and July 23, 2002. This report, in conjunction with the attached Archaeological Survey Report (App. 1) and Historical Resources Evaluation Report (App. 2), presents a summary of the methods, results, and final conclusion of the study.

The results of the records search indicate that three historical/archaeological sites, designated CA-LAN-182, 19-002882, and 30-120020, were previously recorded within or adjacent to the APE. CA-LAN-182 includes several speculative locations of a Native American village noted in the early historic period, one of which was believed to be in the vicinity of the Los Nietos Road/Norwalk Boulevard grade separation site in Santa Fe Springs. The presence of the site in or near the APE has not been established through archaeological field investigations, and no evidence of any archaeological remains was encountered at the suggested location in the APE during the field survey.

Site 19-002882, recorded as two refuse deposits dating to the 1930s-1940s, was once located near the northwestern end of the APE at Hobart, but the entire site was removed shortly after its recordation in 2000. Site 30-120020, located near Beach Boulevard in Buena Park, consisted of two privies and trash pits associated with the former Northam Station on the present-day BNSF line when it was recorded in 1979. None of these features, however, or any other remains of the station was observed at this location during the present survey.

As a result of this study, a total of 49 pre-1957 buildings were recorded within the APE at four of the six grade separation sites, including a former ranch house constructed around 1914, 47 tract homes constructed between 1951 and 1954, and a commercial/industrial building constructed in 1955-1956. None of these buildings appears to meet CEQA's definition of a "historical resource." Also noted in the APE were 55 other buildings or groups of buildings that postdate 1957. Pursuant to Caltrans Interim Policy for the Treatment of Buildings Constructed in 1957 or Later, these buildings are not considered potential "historical resources," and do not require further study.

The existing BNSF railroad line that runs through the APE, built in 1885-1888 by the Riverside, Santa Ana and Los Angeles Railway Company, a Santa Fe subsidiary, was

recorded during the present study as a historical site due to its age, and designated temporarily as CRM TECH 789-50H. Despite the important role that the Santa Fe Railway played in the growth of southern California in the late 19th century, the railroad line and its associated features that are present today, as working components of the modern transportation infrastructure, do not retain sufficient historic integrity to relate to the site's period of significance, and thus do not appear to qualify as a "historical resource."

Along with the railroad line, the survey noted 18 bridges that carry the BNSF line over various streets or natural waterways. Thirteen of these were previously evaluated as ineligible for listing in the National Register of Historic Places (App. 3). The five oldest among them, constructed between 1937 and 1950, have become 50 years old since the establishment of the Inventory in 1984-1986, but none of them demonstrates any special historical, architectural, or other qualities to warrant a formal re-evaluation. Furthermore, at least four of the five have been widened, extended, or otherwise altered since the 1960s. Five of the 18 bridges were not previously evaluated for historical significance, but all five have been constructed since 1967. None of the 18 bridges, therefore, appear to qualify as a "historical resource."

Consultation with the City of Santa Fe Springs revealed that the City has installed a commemorative plaque within the APE at the Los Nietos Road/Norwalk Boulevard grade separation site, which marks the approximate location of the historic Los Nietos School. This commemorative plaque has no historic value of its own, and is not considered a potential "historical resource." No archaeological remains or other potentially historic features were observed in the vicinity of the plaque.

Based on these findings, the present report concludes that no "historical resources," as defined by CEQA, are known to exist within or adjacent to the APE, and thus the proposed project will have *no impact* on any known "historical resources." However, in order to properly protect areas of potential archaeological interest and address local historical resource concerns, it is recommended for the proposed project that:

- Earth-moving operations in the area around the reported location of Site CA-LAN-182 in the APE be monitored by a qualified archaeologist; and
- The commemorative plaque marking the approximate site of the Los Nietos School be relocated and rededicated in coordination with the City of Santa Fe Springs.

In addition to these recommendations, if buried cultural materials are encountered elsewhere during construction, it is Caltrans policy that work stop in that area until a qualified archaeologist can evaluate the nature and significance of the finds.

PROJECT DESCRIPTION

As part of its program to improve inter-city passenger rail services, the State of California Department of Transportation, Division of Rails, proposes a project to upgrade the capacity of the Burlington Northern Santa Fe (BNSF) Railway Company/Metrolink East-West Main Line Railroad Track. The project entails primarily the installation of a third main line track along a 14.7-mile segment of the existing BNSF Railway, extending from Hobart (Mile Post 148.9) in the City of Vernon, Los Angeles County, to Basta (MP 163.3) in the City of Fullerton, Orange County, California (Exhibit A, Map 1). The project route traverses portions of the San Juan Cajon de Santa Ana, Los Coyotes, Santa Gertrudes (McFarland and Downey), Santa Gertrudes (Colima), Paso de Bartolo (Sepulveda), Paso de Bartolo (Guirado), and San Antonio (Lugo) land grants lying within of T2-3S R10-13W, San Bernardino Base Meridian, across or along the boundaries of the Cities of Fullerton, Buena Park, La Mirada, Santa Fe Springs, Norwalk, Pico Rivera, Montebello, City of Commerce, and Vernon (Exhibit A, Map 2).

In addition to the installation of the third main line track, the project also includes various other improvements and upgrading, most notably the construction of six grade separations at the BNSF main line's intersections with Passons Boulevard, Pioneer Boulevard, Norwalk Boulevard/Los Nietos Road, Lakeland Road, Rosecrans Avenue/Marquardt Avenue, and Valley View Avenue, located in the Cities of Pico Rivera, Santa Fe Springs, and La Mirada, and the unincorporated community of Los Nietos. The project's Area of Potential Effects (APE) is delineated to encompass the actual footprint of all necessary construction activities along the project route, as well as areas adjacent to the six grade separation sites that may potentially be affected by visual, noise, and atmospheric intrusions as a result of the project (Exhibit A, Maps 2, 3).

SUMMARY OF IDENTIFICATION EFFORTS

RECORDS SEARCH

In June, 2002, the South Central Coastal Information Center (SCCIC) at California State University, Fullerton, performed a historical/archaeological resources records search on the APE. During the records search the following sources were consulted:

- National Register of Historic Places;
- California Register of Historical Resources;
- California Historical Landmarks;
- California Points of Historical Interest;
- California Historical Resource Information System;
- City of Los Angeles Historic-Cultural Monuments.

Besides the records of SCCIC, the California Historic Bridge Inventory was also examined for previously identified cultural resources within or adjacent to the APE (App. 3).

The results of the records search indicate that three historical/archaeological sites, designated CA-LAN-182, 19-002882, and 30-120020, were previously recorded within or adjacent to the APE. However, no archaeological remains associated with these sites were

discovered at any of these locations during the present survey. Sites 19-002882 and 30-120020, representing mostly historic-period trash dumps, are apparently no longer in existence in or near the APE at the present time. Site CA-LAN-182 includes several speculative locations of a Native American village noted in the early historic period, one of which was believed to be in the vicinity of the APE where the BNSF line crosses Los Nietos Road and Norwalk Boulevard in Santa Fe Springs. The presence of the site in or near the APE, however, has not been established through archaeological field investigations.

HISTORICAL BACKGROUND RESEARCH

In conjunction with the records search, a general historical background research was conducted on the basis of historic maps of the project vicinity and published literature in local/regional history and the history of the Atchison, Topeka and Santa Fe Railway (ATSF), forerunner of BNSF in southern California. Among maps consulted were the U.S. General Land Office's (GLO) land survey plat maps produced in the mid-19th century and the U.S. Geological Survey's (USGS) topographic maps dated 1900-1945. These maps are collected at the Science Library of the University of California, Riverside, and the California Desert District of the U.S. Bureau of Land Management, also located in Riverside.

After potentially historic sites, buildings, and other features were identified within the APE during the field survey, additional historical research was carried out in an attempt to establish the age and historical background of these features. In addition to the sources listed above, archival records of BNSF, the County of Los Angeles, and the Cities of Pico Rivera, Santa Fe Springs, and La Mirada were consulted during this phase of the research, as were materials on file at the local history collections of the various public libraries in the communities along the project route.

FIELD SURVEY

The archaeological field survey of the APE was carried out by project archaeologist Daniel Ballester on June 21 and 24, 2002. The survey was conducted at an intensive-level, primarily by walking a single transect along the side of the existing railroad tracks where the proposed third main line track will be installed, covering a total width of at least 30 feet from the edge of the existing tracks. Reported locations of previously recorded historical/archaeological sites in or near the APE were surveyed with particular care for the purpose of examining the current conditions of these sites.

The archaeological survey covered the direct APE of the project, or all areas where construction activities and/or other ground disturbances will occur during the project. The indirect APE around each of the six proposed grade separation sites, meanwhile, was surveyed systematically for historic-era features of built environment. This part of the field survey was performed by project historians/architectural historians Bai "Tom" Tang and Teresa Woodard on July 23, 2002.

During the built environment survey, Tang and Woodard inspected all existing buildings within or adjacent to the maximum extent of ground disturbances, and completed field recording procedures on buildings that appeared to be more than 45 years old. In order to facilitate the proper recordation and evaluation of all pre-1957 buildings in the APE, Tang and Woodard made detailed notations and preliminary photo-documentation of their

structural and architectural characteristics and current conditions. Based on the field observations and the results of subsequent historical research, DPR 523 forms were prepared on each of the resources determined to be within the APE.

PUBLIC PARTICIPATION

CONSULTATION WITH LOCAL COMMUNITIES

In July and August, 2002, governments of the nine cities along the project route were contacted to identify any cultural resources of local historical interest that may be present within or adjacent to the APE, and to solicit from the local communities any other comments regarding cultural resources issues. A telephone log with names and positions of the persons contacted at each City and copies of written correspondences are presented in Appendix 4. Written requests for similar information were also sent to the Heritage Coordinating Council of Fullerton and the Whittier Historical Society and Museum (App. 4), the two local historical organizations along the project route that are identified by the American Association for State and Local History.

To date, neither of the two local historical organizations has responded to the inquiry. Of the nine Cities, five stated that they had no cultural resources concerns regarding this project. Three of them have not provided specific replies, although the Cities of Norwalk and Montebello reserved the opportunity to comment further once their City staff members learn more about the project plans. The City of Santa Fe Springs, meanwhile, brought to attention a City-installed commemorative plaque that is located within the APE, which marks the approximate location of the historic Los Nietos School. According to Gilbert Lee of the City of Santa Fe Springs Planning Department, the plaque, located near the northeastern corner of Los Nietos Road and Norwalk Boulevard, will need to be relocated and rededicated.

CONSULTATION WITH NATIVE AMERICAN REPRESENTATIVES

On July 3, 2002, the State of California's Native American Heritage Commission in Sacramento was contacted in order to seek its input on potential cultural resources concerns (App. 4). In response, the commission reported in a letter dated July 5, 2002, that its sacred lands records indicate no Native American cultural resources in the immediate vicinity of the APE (App. 4). However, noting that "the absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area," the commission suggested that other Native American representatives be contacted, and provided a list of potential contacts in the region.

Following the commission's recommendation, on July 10 written requests for comments were sent to all individuals on the list and the organizations they represent (App. 4). Subsequently, telephone consultation was initiated with these Native American representatives between July 11 and 26. As of this writing, Samuel H. Dunlap, secretary of the Gabrielino/Tongva Tribal Council of the Gabrielino Tongva Nation, has responded in writing to request that Native American monitors be present during any ground-disturbing operations associated with the project (App. 4). Of the four persons or organizations that

responded to the telephone inquiries, two stated that they had no concerns or no comments regarding this project, one recommended Native American and archaeological monitoring, and one pointed out the high sensitivity of the area for Native American cultural remains but offered no specific recommendations (App. 4). No specific properties of Native American traditional cultural value were identified by any of the individuals or organizations contacted.

DESCRIPTION OF IDENTIFIED CULTURAL RESOURCES

As a result of the various research procedures completed during the present survey, a total of 49 historic-era buildings, a historic-era archaeological site, and 18 railroad bridges ranging in construction date from 1941 to 1996 were noted within the proposed project's APE, as listed below.

- **Historical Resources Listed in the California Register**

  No such properties are present within the APE.

- **Historical Resources Previously Determined Eligible for the California Register**

  No such properties are present within the APE.

- **Historical Resources Potentially Eligible for the California Register**

  No such properties are present within the APE.

- **Properties That Appear Potentially Eligible for the California Register but Require Further Study**

  No such properties are present within the APE.

- **Properties Previously Determined Ineligible for the California Register**

Name	Address/Location	Community	Map Ref. No.
Greenwood Ave. Bridge	BNSF M.P. 149.5	Montebello	1
Rio Hondo Bridge	BNSF M.P. 150.1	Pico Rivera	2
Paramount Blvd. Bridge	BNSF M.P. 150.4	Pico Rivera	3
Rosemead Blvd. Bridge	BNSF M.P. 150.9	Pico Rivera	4
San Gabriel River Bridge	BNSF M.P. 151.9	Pico Rivera	5
Santa Fe Springs Rd. Bridge	BNSF M.P. 154.0	Santa Fe Springs	6
Telegraph Rd. Bridge	BNSF M.P. 154.4	Santa Fe Springs	7
Imperial Hwy. Bridge	BNSF M.P. 156.1	Santa Fe Springs/Norwalk	9
Coyote Cr. Bridge	BNSF M.P. 160.4	Buena Park	13
Beach Blvd. Bridge	BNSF M.P. 160.6	Buena Park	14
Brea Cr. Bridge	BNSF M.P. 160.9	Buena Park	15
Gilbert Ave. Bridge	BNSF M.P. 162.4	Fullerton	17
Commonwealth Ave. Bridge	BNSF M.P. 163.1	Fullerton	18

- **Properties That Appear Ineligible for the California Register**

Name	Address/Location	Community	Map Ref. No.
Florance Ave. Bridge	BNSF M.P. 154.9	Santa Fe Springs	8
Carmenita Rd. Bridge	BNSF M.P. 157.2	Santa Fe Springs	10
La Canada Verde Cr. Bridge	BNSF M.P. 157.5	Santa Fe Springs	11
La Mirada Cr. Bridge	BNSF M.P. 158.9	La Mirada	12
Dale St. Bridge	BNSF M.P. 161.3	Buena Park	16
None (residence)	7568 Lemoran Ave.	Pico Rivera	19
None (residence)	7574 Lemoran Ave.	Pico Rivera	20
None (residence)	7578 Lemoran Ave.	Pico Rivera	21
None (residence)	7581 Lemoran Ave.	Pico Rivera	22
None (residence)	7584 Lemoran Ave.	Pico Rivera	23
None (residence)	7619 Passons Blvd.	Pico Rivera	24
None (residence)	7625 Passons Blvd.	Pico Rivera	25
None (residence)	7631 Passons Blvd.	Pico Rivera	26
None (residence)	7635 Passons Blvd.	Pico Rivera	27
None (residence)	7641 Passons Blvd.	Pico Rivera	28
None (residence)	8625 Danby Rd.	L.A. County	29
None (residence)	8629 Danby Rd.	L.A. County	30
None (residence)	8633 Danby Rd.	L.A. County	31
None (residence)	8516 Pioneer Blvd.	L.A. County	32
None (residence)	8523 Pioneer Blvd.	L.A. County	33
None (residence)	8529 Pioneer Blvd.	L.A. County	34
None (residence)	8533 Pioneer Blvd.	L.A. County	35
None (residence)	8603 Pioneer Blvd.	L.A. County	36
None (residence)	8609 Pioneer Blvd.	L.A. County	37
None (residence)	8615 Pioneer Blvd.	L.A. County	38
None (residence)	8619 Pioneer Blvd.	L.A. County	39
None (residence)	8625 Pioneer Blvd.	L.A. County	40
None (residence)	11005 Rivera Rd.	L.A. County	41
None (residence)	11021 Rivera Rd.	L.A. County	42
None (residence)	11117 Rivera Rd.	L.A. County	43
None (residence)	11131 Rivera Rd.	L.A. County	44
None (residence)	10702 Wheelock Cir.	L.A. County	45
None (residence)	10703 Wheelock Cir.	L.A. County	46
None (residence)	10706 Wheelock Cir.	L.A. County	47
None (residence)	10710 Wheelock Cir.	L.A. County	48
None (residence)	10714 Wheelock Cir.	L.A. County	49
None (commercial bldg.)	14051 Marquardt Ave.	Santa Fe Springs	50
None (residence)	14508 Valley View Rd.	La Mirada	51
None (residence)	14514 Valley View Rd.	La Mirada	52
None (residence)	14520 Valley View Rd.	La Mirada	53
None (residence)	14528 Valley View Rd.	La Mirada	54
None (residence)	14602 Valley View Rd.	La Mirada	55
None (residence)	14610 Valley View Rd.	La Mirada	56
None (residence)	14618 Valley View Rd.	La Mirada	57
None (residence)	14624 Valley View Rd.	La Mirada	58
None (residence)	14632 Valley View Rd.	La Mirada	59
None (residence)	14638 Valley View Rd.	La Mirada	60
None (residence)	14644 Valley View Rd.	La Mirada	61
None (residence)	14652 Valley View Rd.	La Mirada	62
None (residence)	14324 San Ardo Dr.	La Mirada	63

None (residence)	14330 San Ardo Dr.	La Mirada	64
None (residence)	14336 San Ardo Dr.	La Mirada	65
None (residence)	14342 San Ardo Dr.	La Mirada	66
None (residence)	14348 San Ardo Dr.	La Mirada	67
Los Nietos School plaque	Los Nietos Rd. /Norwalk Blvd.	Santa Fe Springs	68
BNSF Railroad	(Through entire APE)	N/A	None

Also noted in the APE were 55 other buildings or groups of buildings that postdate 1957. Pursuant to Caltrans Interim Policy for the Treatment of Buildings Constructed in 1957 or Later, these buildings are not considered potential historical resources, and do not require further study.

Records of the South Central Coastal Information Center indicate that three historical/ archaeological sites were previously recorded within or adjacent to the APE. However, no surface manifestation of any archaeological remains was discovered at any of these locations during the present survey.

NO HISTORICAL RESOURCE FINDING

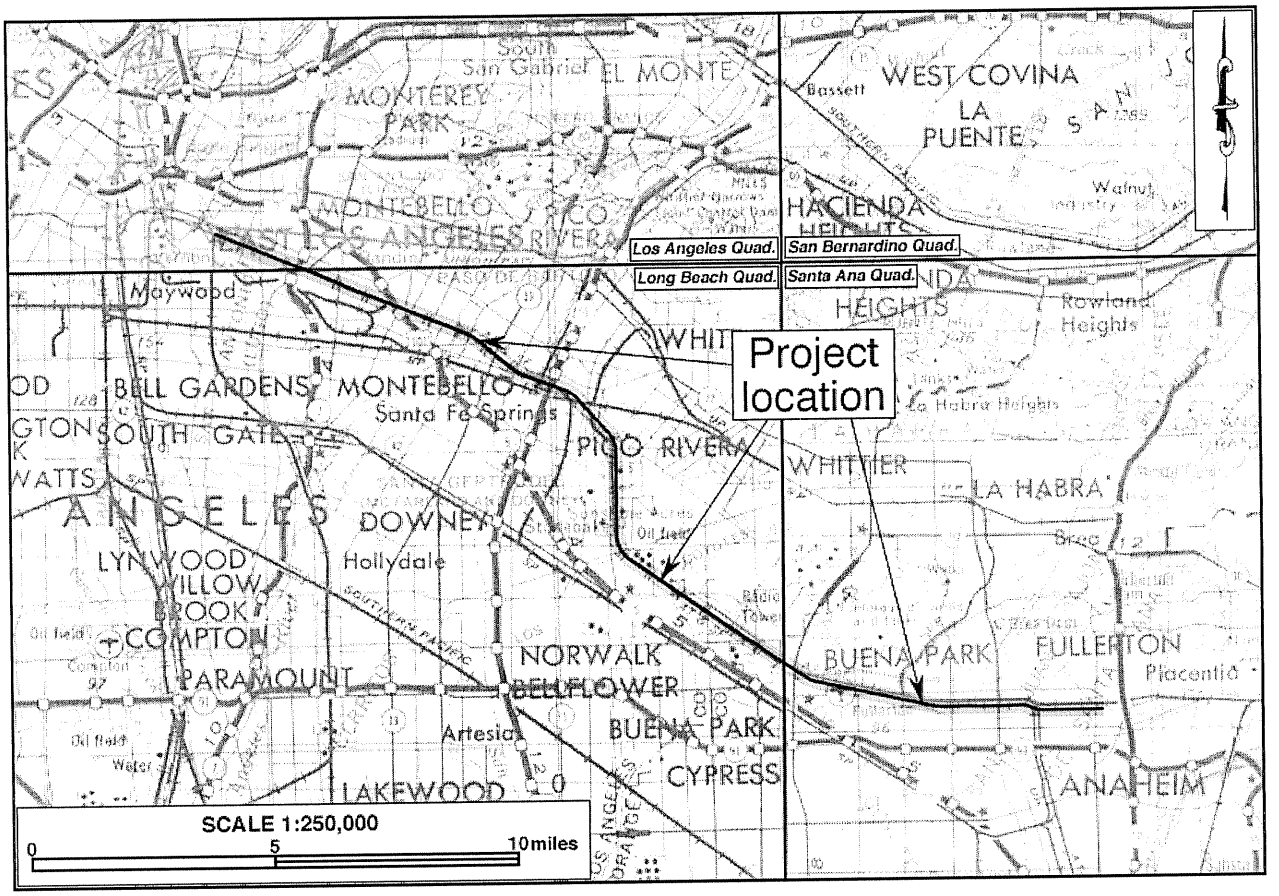
Based on the findings presented above, this report concludes that no "historical resources," as defined by CEQA, are known to exist within or adjacent to the APE, and thus the proposed project will have *no impact* on any known "historical resources." However, in order to properly protect areas of potential archaeological interest and address local historical resource concerns, it is recommended for the proposed project that:

- Earth-moving operations in the area around the reported location of Site CA-LAN-182 in the APE be monitored by a qualified archaeologist; and
- The commemorative plaque marking the approximate site of the Los Nietos School be relocated and rededicated in coordination with the City of Santa Fe Springs.

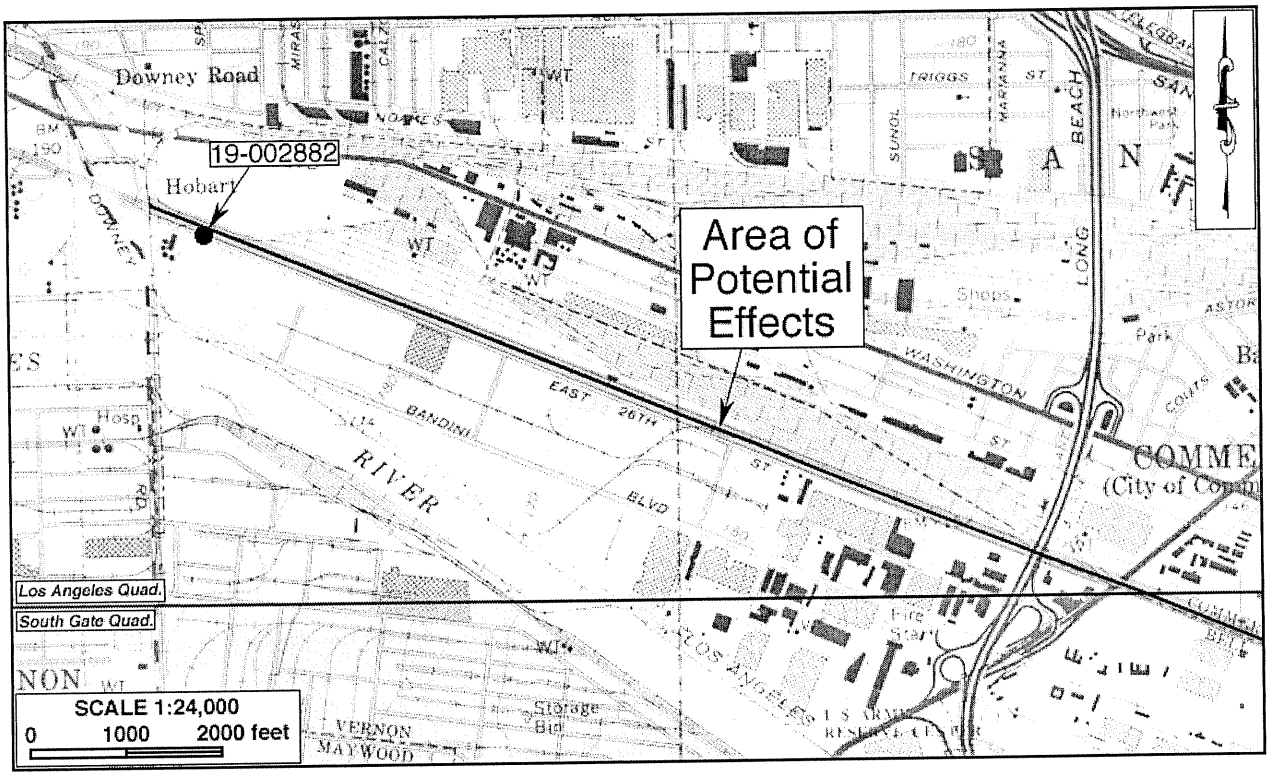
In addition to these recommendations, if buried cultural materials are encountered elsewhere during construction, it is Caltrans policy that work stop in that area until a qualified archaeologist can evaluate the nature and significance of the finds.

EXHIBIT A

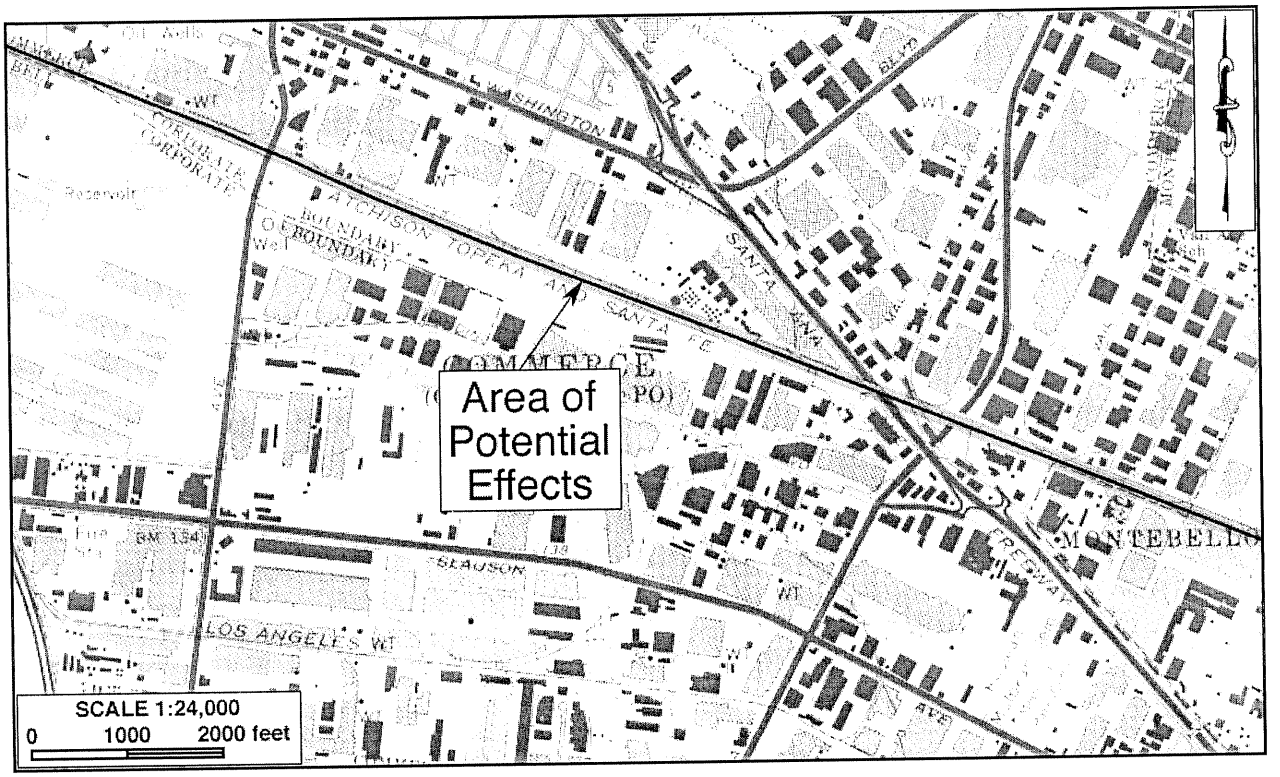
PROJECT MAPS



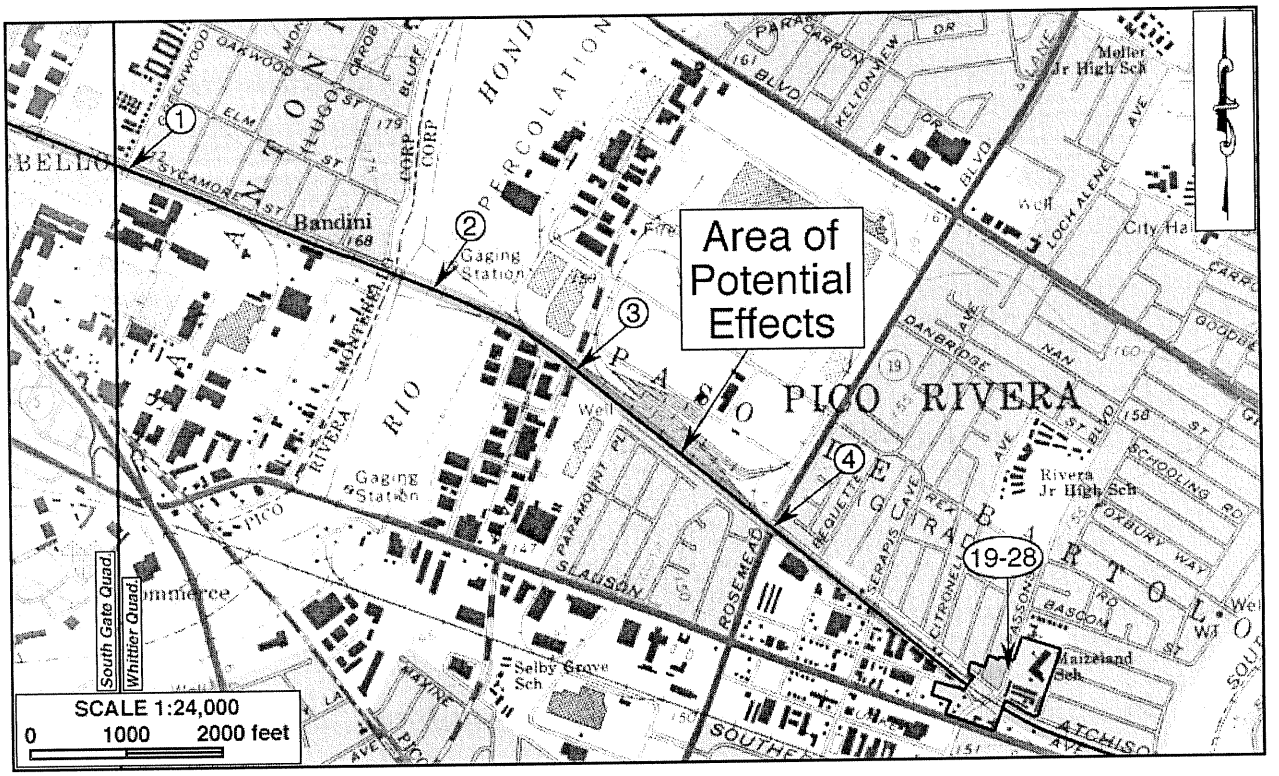
Map 1. Project location map.



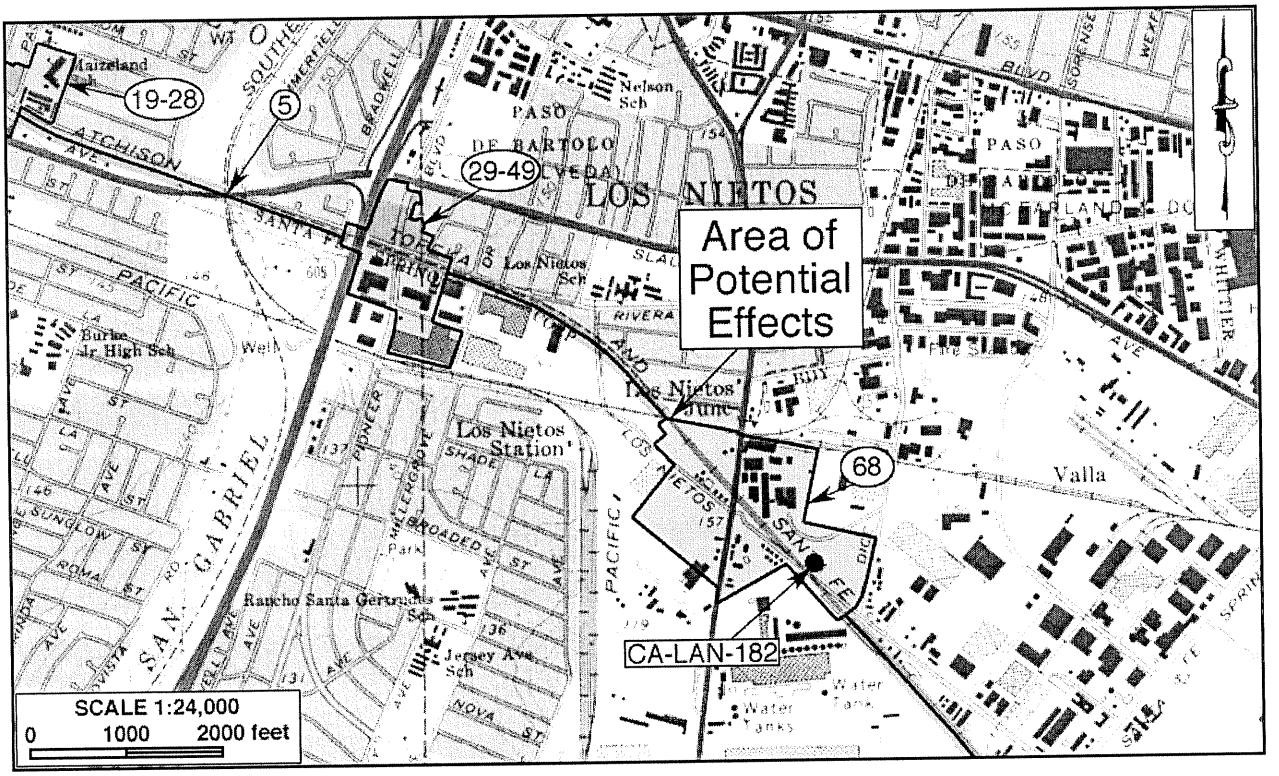
Map 2a. Project vicinity and sitelocations (1). (Based on USGS Los Angeles and South Gate, California, 7.5' quadrangles)



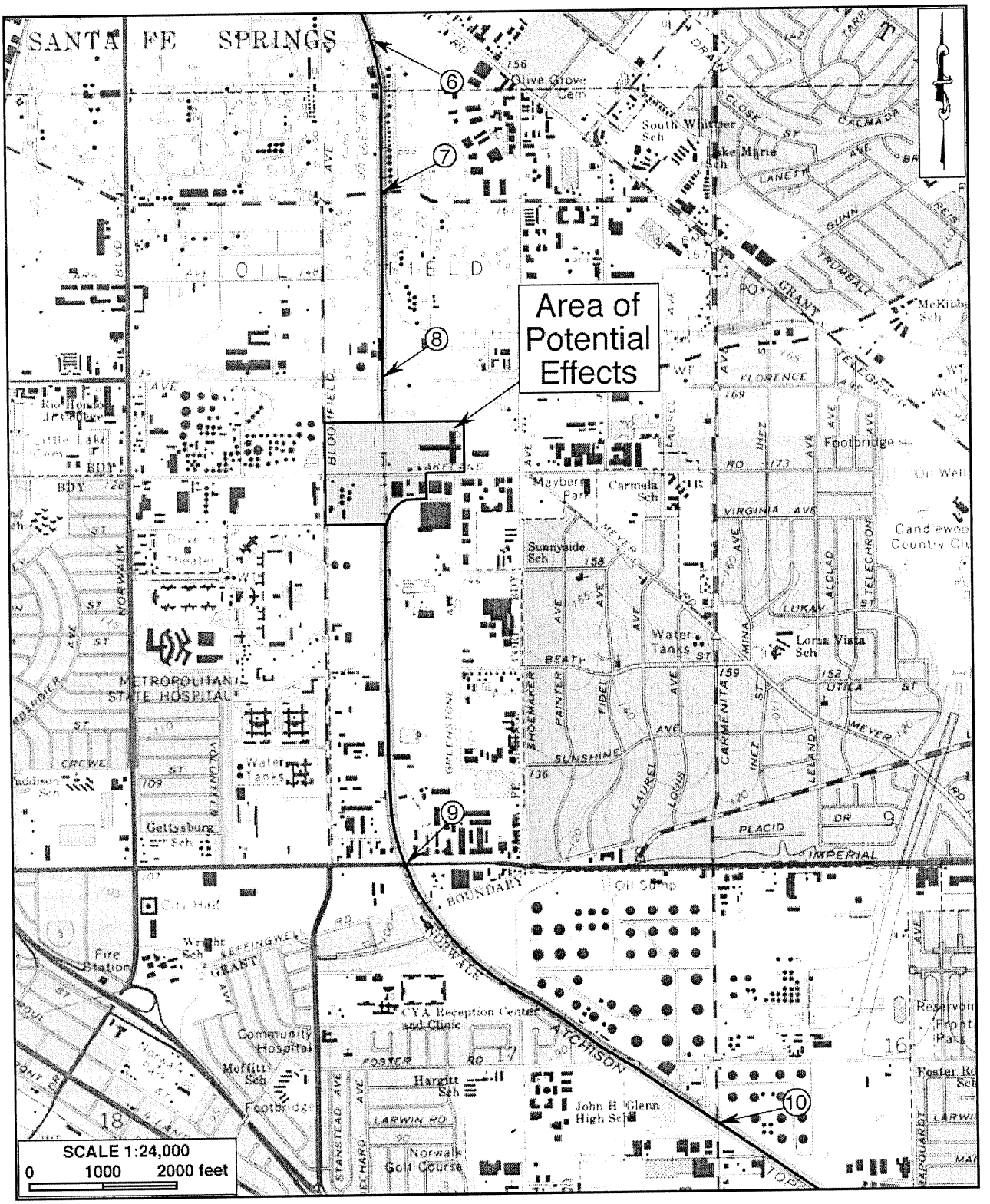
Map 2b. Project vicinity and sitelocations (2). (Based on USGS South Gate, California, 7.5' quadrangle)



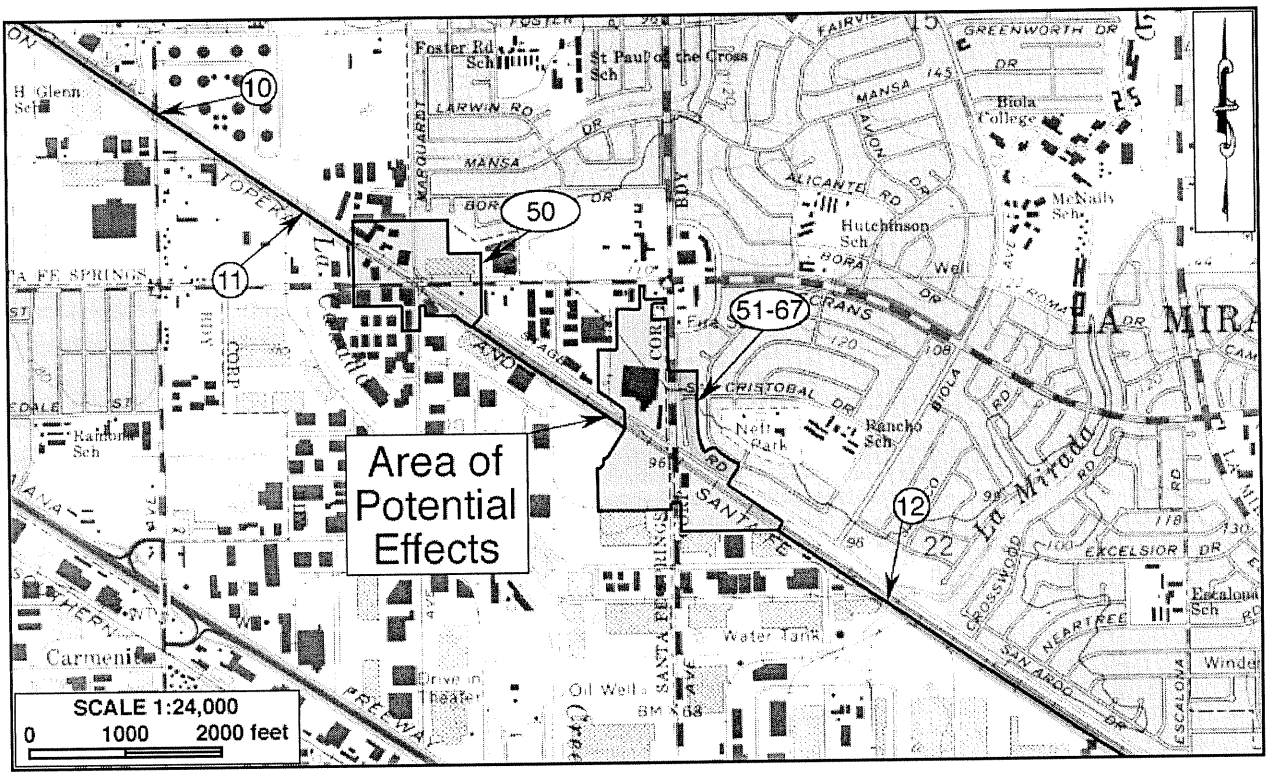
Map 2c. Project vicinity and sitelocations (3). See Map 3 for exact locations of 19-28. (Based on USGS South Gate and Whittier, California, 7.5' quadrangles)



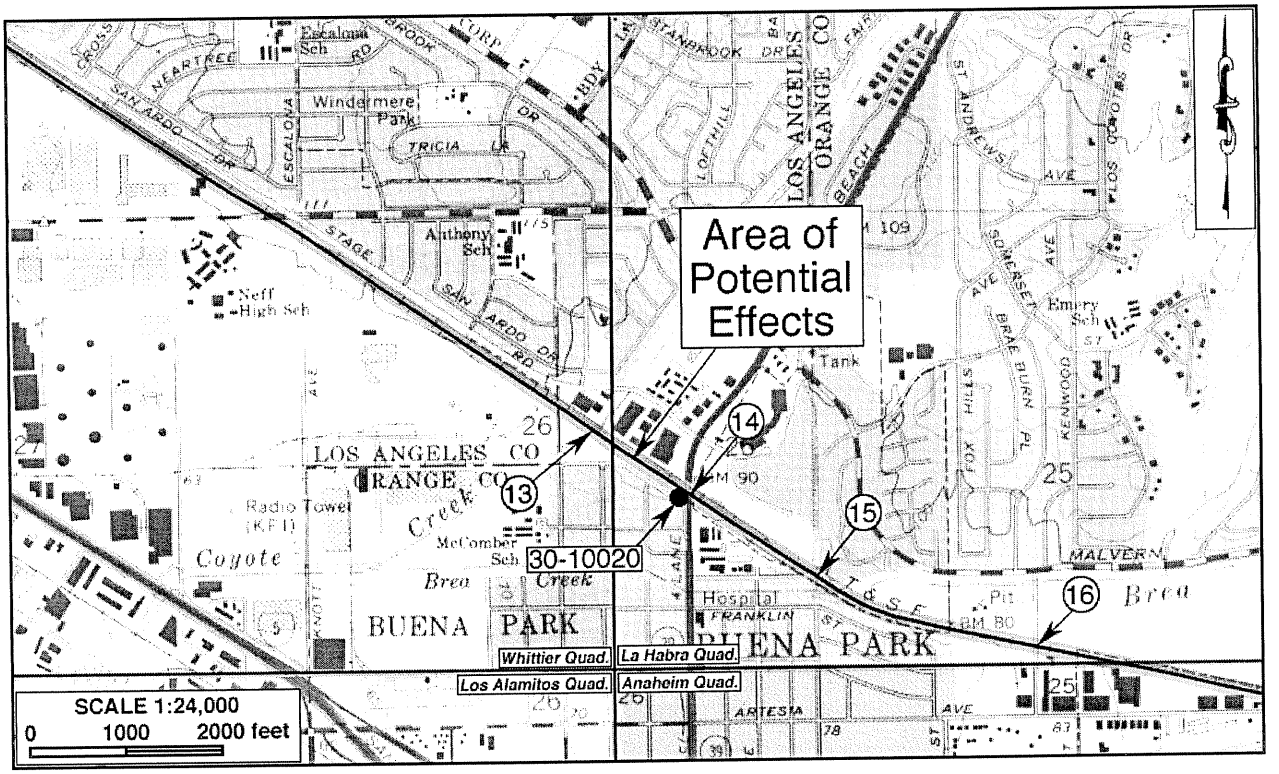
Map 2d. Project vicinity and site locations (4). See Map 3 for exact locations of 19-49 and 68. (Based on USGS Whittier, California, 7.5' quadrangle)



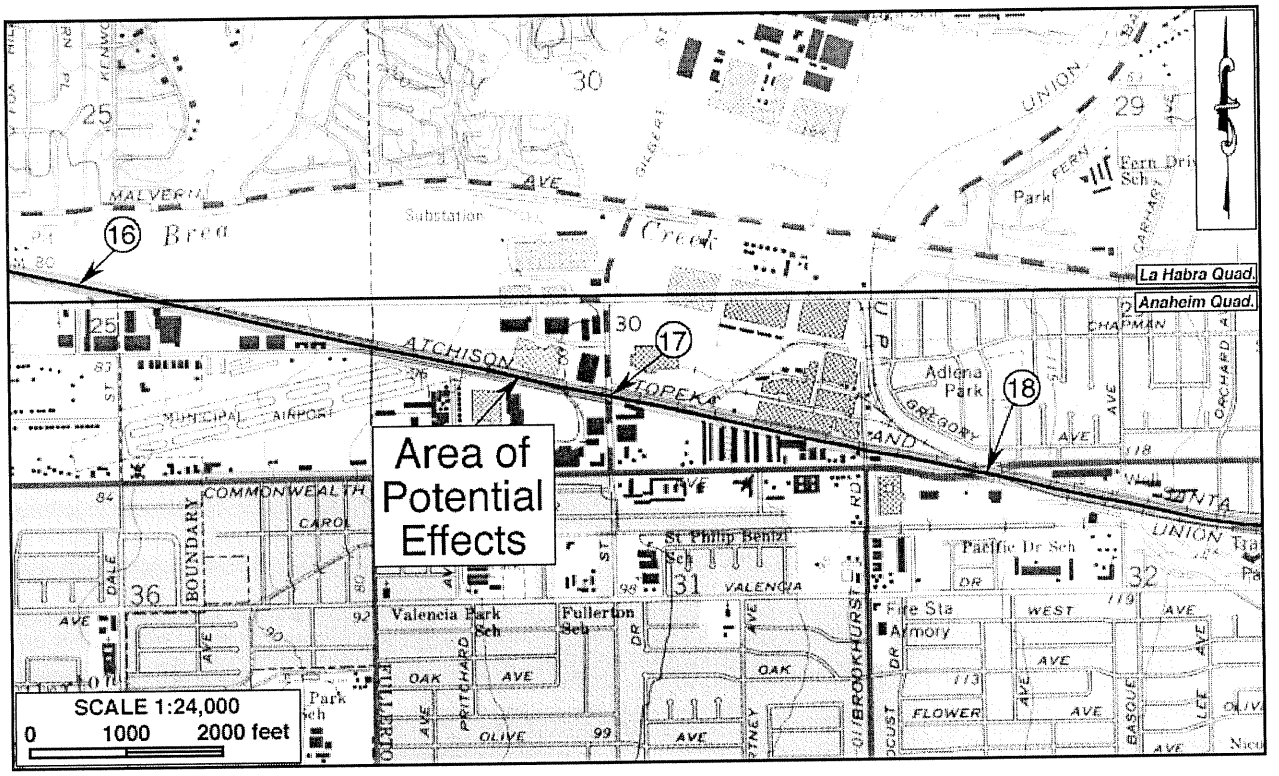
Map 2e. Project vicinity and site locations (5). (Based on USGS Whittier, California, 7.5' quadrangle)



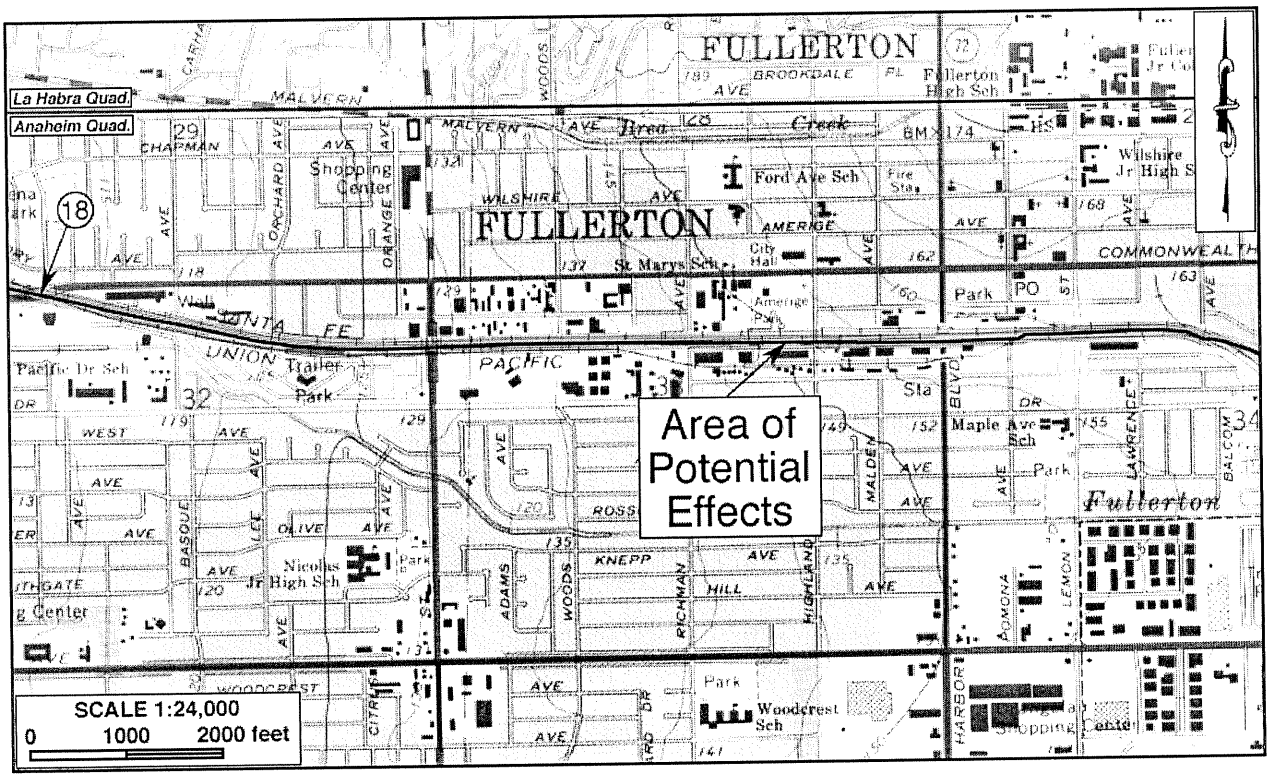
Map 2f. Project vicinity and site locations (6). See Map 3 for exact locations of 50-67. (Based on USGS Whittier, California, 7.5' quadrangle)



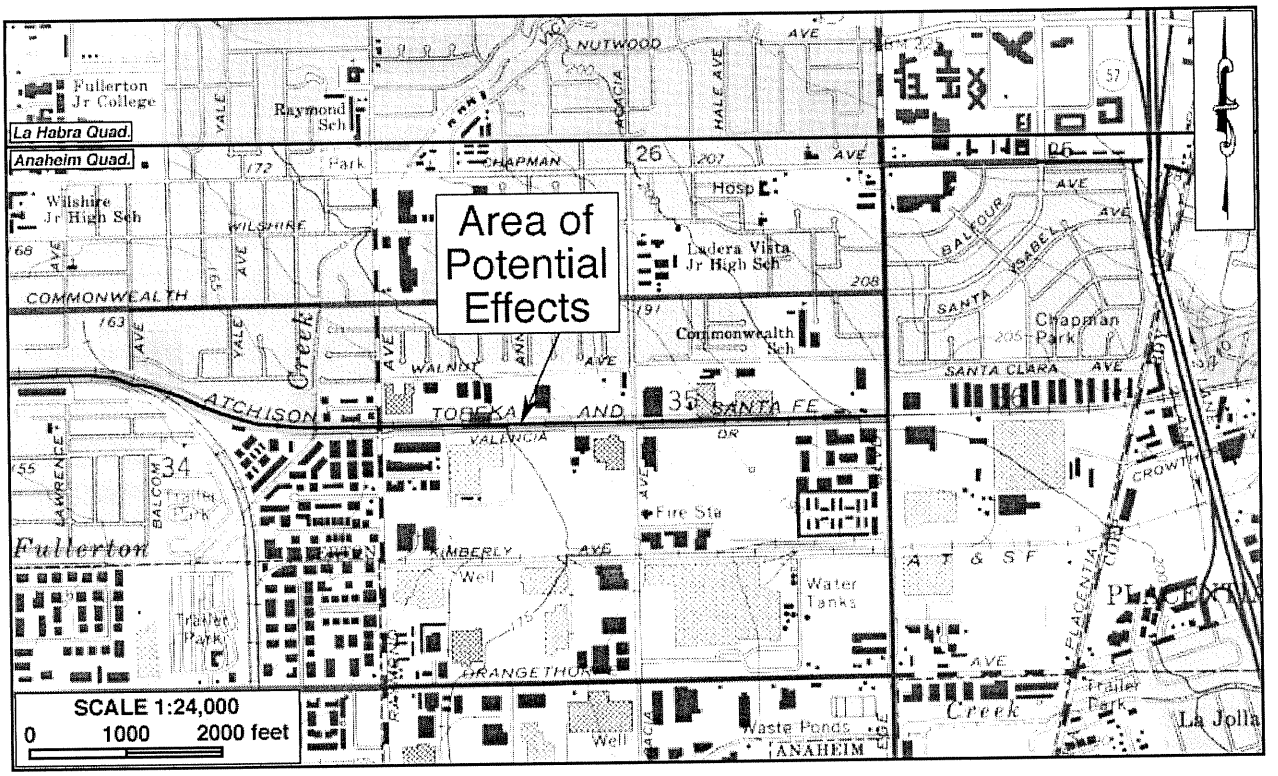
Map 2g. Project vicinity and site locations (7). (Based on USGS Whittier, La Habra, Los Alamitos, and Anaheim, California, 7.5' quadrangles)



Map 2h. Project vicinity and site locations (8). (Based on USGS La Habra and Anaheim, California, 7.5' quadrangles)



Map 2i. Project vicinity and site locations (9). (Based on USGS La Habra and Anaheim, California, 7.5' quadrangles)



Map 2j. Project vicinity and site locations (10). (Based on USGS La Habra and Anaheim, California, 7.5' quadrangles)

MAP 3. INDIRECT AREA OF POTENTIAL EFFECTS AT THE PROPOSED GRADE SEPARATION SITES

(ATTACHED)

REVISIONS

NO.	DESCRIPTION	DATE	BY

LEGEND:

EFFECTED AREA

HANSON WILSON INCORPORATED

275 W. HOSPITALITY LANE STE 300 SAN BERNARDINO, CALIFORNIA 92408 PHONE 909-806-8000 FAX 909-806-8099

APPROVED DATE

FILE: ...\Grade sep.dgn

DESIGNED CHECKED DRAWN CHECKED

L.A. TRIPLE TRACK GRADE SEPERATIONS
AREA OF POTENTIAL EFFECT
ROSECRANS

X2510276

1-20-03

File: C:\Grade sep.dgn Date: 01/23/2003 Time: 09:27:55 AM By: gonzaloya

REVISIONS		
DESCRIPTION	DATE	BY

LEGEND:

—— EFFECTED AREA

HANSON WILSON INCORPORATED

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L.A. TRIPLE TRACK GRADE SEPERATIONS
AREA OF POTENTIAL EFFECT

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L.A. TRIPLE TRACK GRADE SEPERATIONS
AREA OF POTENTIAL EFFECT

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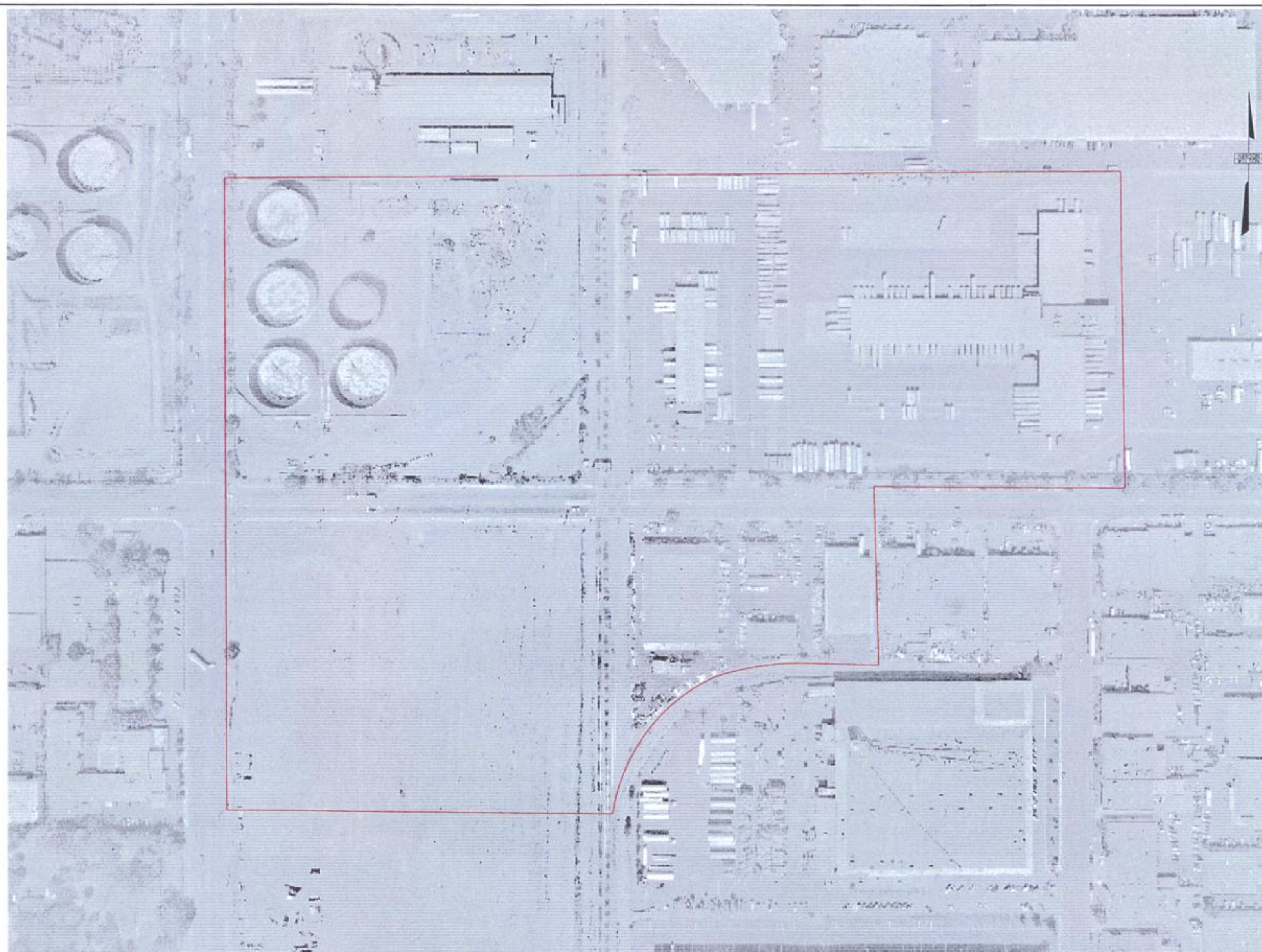

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L.A. TRIPLE TRACK GRADE SEPERATIONS
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L.A. TRIPLE TRACK GRADE SEPERATIONS
AREA OF POTENTIAL EFFECT
VALLEY VIEW

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APPENDIX 1

ARCHAEOLOGICAL SURVEY REPORT

Third Main Track and Grade Separation Project
Hobart (MP 148.9) to Basta (MP 163.3)
BNSF/Metrolink East-West Main Line Railroad Track
Vernon to Fullerton, Los Angles and Orange Counties, California

Prepared for:

Gary Iverson, Office Chief
Environmental Planning
Caltrans District 7
120 South Spring Street
Los Angeles, CA 90012

Prepared by:

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Mariam Dahdul, M.A., Archaeologist/Report Writer
Daniel Ballester, B.A., Archaeologist
CRM TECH
4472 Orange Street
Riverside, CA 92501

CRM TECH Contract #789
USGS Los Angeles, South Gate, Whittier, La Habra, and Anaheim, Calif., 7.5' quadrangles
T2-3S R10-13W, San Bernardino Base Meridian
Sites CA-LAN-182, 19-002882, and 30-120020
Keywords: Presumed Native American Village Site, Privies/Historic-Era Trash Deposits; Gabrielino; Buena Park, City of Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, Santa Fe Springs, Vernon

November 2002

TABLE OF CONTENTS

SUMMARY OF FINDINGS

The present Archaeological Survey Report is prepared in compliance with the California Environmental Quality Act (CEQA) for the proposed third main track and grade separation project on the Burlington Northern Santa Fe (BNSF) Railway Company's East-West Main Link Railroad between Hobart (Mile Post 148.9) in the City of Vernon and Basta (MP 163.3) in the City of Fullerton, California. The project's Area of Potential Effects (APE) is delineated to encompass the actual footprint of all necessary construction activities, as well as areas adjacent to the six grade separation sites that may potentially be affected by visual, noise, and atmospheric intrusions as a result of the project. The purpose of the survey is to identify and, if possible, evaluate any archaeological resources within or adjacent to the APE.

A records search conducted in conjunction with the present survey indicate that three historical/archaeological sites, designated CA-LAN-182, 19-002882, and 30-120020, were previously recorded within or adjacent to the APE. CA-LAN-182 includes several speculative locations of a Native American village noted in the early historic period, one of which was believed to be in the vicinity of the Los Nietos Road/Norwalk Boulevard grade separation site in Santa Fe Springs. The presence of the site in or near the APE has not been established through archaeological field investigations, and no evidence of any archaeological remains was encountered at the suggested location in the APE during the field survey.

Site 19-002882, recorded as two refuse deposits dating to the 1930s-1940s, was once located near the northwestern end of the APE at Hobart, but the entire site was removed shortly after its recordation in 2000. Site 30-120020, located near Beach Boulevard in Buena Park, consisted of two privies and trash pits associated with the former Northam Station on the present-day BNSF line when it was recorded in 1979. None of these features, however, or any other remains of the station was observed at this location during the present survey.

During the course of the survey, the existing BNSF line that runs through the APE, originally built in 1885-1888, was recorded as a historic-era site due to its age, and designated temporarily as CRM TECH 789-50H. This site, which does not appear to meet CEQA's definition of a "historical resource," is discussed in further detail in the accompanying Historical Resources Evaluation Report (HRCR App. 2), along with a total of 67 other features of built environment noted within the APE.

In light of these findings, this report concludes that the location of Site CA-LAN-182 in the APE remains sensitive for subsurface archaeological deposits that may be associated with prehistoric or early-historic-period Native American land use, and any ground-disturbing activities at that location should be monitored by a qualified archaeologist. If buried cultural materials are encountered elsewhere during construction, it is Caltrans' policy that work in that area must halt until a qualified archaeologist can evaluate the nature and significance of the find. Additional survey will be required if the project changes to include areas not previously surveyed.

INTRODUCTION

The present archaeological survey covered an approximately 14.7-mile segment of the Burlington Northern Santa Fe (BNSF) Railway Company/Metrolink East-West Main Line Railroad Track between the City of Vernon, Los Angeles County, and the City of Fullerton, Orange County, California (see HRCR Exhibit A). The survey was conducted on June 21 and June 24, 2002, by project archaeologist Daniel Ballester, who holds a B.A. degree in Anthropology from California State University, San Bernardino (1998), and has performed archaeological field research in southern California for four years.

PROJECT LOCATION AND DESCRIPTION

As part of its program to improve inter-city passenger rail services, the State of California Department of Transportation, Division of Rails, proposes a project to upgrade the capacity of the Burlington Northern Santa Fe (BNSF) Railway Company/Metrolink East-West Main Line Railroad Track. The project entails primarily the installation of a third main line track along the existing BNSF Railway from Hobart (Mile Post 148.9) to Basta (MP 163.3). The project route traverses portions of the San Juan Cajon de Santa Ana, Los Coyotes, Santa Gertrudes (McFarland and Downey), Santa Gertrudes (Colima), Paso de Bartolo (Sepulveda), Paso de Bartolo (Guirado), and San Antonio (Lugo) land grants lying within of T2-3S R10-13W, San Bernardino Base Meridian, across or along the boundaries of the Cities of Fullerton, Buena Park, La Mirada, Santa Fe Springs, Norwalk, Pico Rivera, Montebello, City of Commerce, and Vernon (see HRCR Exhibit A).

In addition to the installation of the third main line track, the project also includes various other improvements and upgrading, most notably the construction of six grade separations at the BNSF main line's intersections with Passons Boulevard, Pioneer Boulevard, Norwalk Boulevard/Los Nietos Road, Lakeland Road, Rosecrans Avenue/Marquardt Avenue, and Valley View Avenue, located in the Cities of Pico Rivera, Santa Fe Springs, and La Mirada, and the unincorporated community of Los Nietos. The project's Area of Potential Effects (APE) is delineated to encompass the actual footprint of all necessary construction activities along the project route, as well as areas adjacent to the six grade separation sites that may potentially be affected by visual, noise, and atmospheric intrusions as a result of the project (see HRCR Exhibit A).

SOURCES CONSULTED

Prior to the commencement of the archaeological field survey, the following sources were consulted for a complete inventory of previously identified cultural resources in or near the APE, existing cultural resources reports pertaining to the vicinity, and historic-era features that may be encountered within or adjacent to the APE:

- National Register of Historic Places;
- California Register of Historical Resources;
- California Historical Landmarks;
- California Points of Historical Interest;

- California Historical Resource Information System;
- City of Los Angeles Historic-Cultural Monuments;
- California Historic Bridge Inventory;
- Published literature in local, regional, and railroad history;
- Historic maps of the project vicinity.

Most of these sources were examined at the South Central Coastal Information Center (SCCIC) at California State University, Fullerton, during a records search completed on June 15, 2002. The records search results indicate that approximately 20 previous cultural resources studies have occurred along various segments of the current project route, and three historical/archaeological sites, designated CA-LAN-182, 19-002882, and 30-120020, had been recorded within or adjacent to the APE prior to this study.

CA-LAN-182 includes several speculative locations of a Native American village noted in the early historic period, one of which was believed to be in the vicinity of the Los Nietos Road/Norwalk Boulevard grade separation site in Santa Fe Springs. The presence of the site in or near the APE has not been established through archaeological field investigations. Site 19-002882, recorded as two refuse deposits dating to the 1930s-1940s, was once located near the northwestern end of the APE at Hobart, but the entire site was removed shortly after its recordation in 2000. Site 30-120020, located near Beach Boulevard in Buena Park, consisted of two privies and trash pits associated with the former Northam Station on the present-day BNSF line when it was recorded in 1979.

Within a half-mile radius of the APE, 11 additional cultural resources studies were reported to SCCIC on various tracts of land and linear features, resulting in the identification of 24 historic-era sites within the scope of the records search. Ten of the 24 sites are located in La Mirada, including some of the city's oldest and best-known historic buildings or their former sites. Three of the buildings, the 1885 George house, the 1893 Neff Home, and the 1893 Neff Barn, all located in what is now Neff Park, are currently listed in the National Register of Historic Places. Another building, the 1814 Patricio Ontiveros Adobe in Santa Fe Springs, is also listed in the National Register. In addition, it is designated a California Point of Historical Interest, as is the 1916 Rivera First Baptist Church in Pico Rivera.

In Fullerton, eight buildings within the half-mile scope of the records search are in the National Register, including the Chapman Building, the Elephant Packing House, Farmers and Merchants Bank, the Heterbrink House, the Masonic Temple, the Lois Plummer Auditorium, the Santa Fe Railway Depot, and the Union Pacific Railway Depot. The other four previously identified sites include the former Southern Pacific Railroad, the Union Pacific Railroad, and two subterranean structures identified as a septic tank and a drainage feature. These four sites were found near the northwestern end of the APE in Vernon.

With the exception of CA-LAN-182, 19-002882, and 30-120020, none of the previously identified cultural resources is, or was, located within or immediately adjacent to the present project's APE. Therefore, none of them requires any further considerations during this study. The reported locations of the three sites that were recorded within or adjacent to the APE were subjected to particularly intensive inspection during this survey, as discussed in further detail below.

BACKGROUND

ENVIRONMENT

The APE traverses through mostly urbanized areas of various cities in Los Angeles and Orange Counties, in what is generally considered the Greater Los Angeles Metropolitan Area. It lies across the southeastern portion of the Los Angeles Basin, a relatively level, low-lying region surrounded by the Santa Monica, Santa Susana, San Gabriel, and Santa Ana Mountains. Elevations along the project route range from 80 to 190 feet above mean sea level.

The natural environment along the APE has been drastically changed as a result of the past 200 years of gradual development, particularly recent urban expansion. A few rivers and creeks flow across the APE, but most have been altered from their natural state, many of them little more than concrete-lined drainage channels devoid of vegetation. The largest of these natural waterways, the San Gabriel River, has not been greatly modified where it crosses the APE, and still retains a wetland area with dense vegetation growth and wildlife.

Vegetation within the project's direct APE is generally limited to small grasses and shrubs growing along chain-link fences delineating the railroad right-of-way, while the indirect APE around the six grade separation sites features typical urban landscaping, with few areas of undeveloped land. Ground visibility within the APE is relatively poor (0-30%) due to the large amount of gravel covering the soils.

ARCHAEOLOGY

It is widely acknowledged that human occupation in what is now the State of California began 8,000-12,000 years ago. In attempting to describe and understand the cultural processes that occurred in the ensuing years, archaeologists have developed a number of chronological frameworks that endeavor to correlate the technological and cultural changes that are observable in archaeological records to distinct time periods. The general framework for the prehistory of the San Diego coastal region is outlined in Moratto (1984), which is the basis for the following discussion.

According to some theories, migration of indigenous groups from the interior deserts of southern California to the already inhabited coastal region appears to have taken place around 7,500 years ago. Unfortunately, very little is known about the coastal groups during this early period in prehistory. With the immigration of people from the interior, a fusion of regional cultural traits, specifically those pertaining to subsistence procurement, occurred between the newcomers and coastal inhabitants. The newcomers introduced new plant resources and plant processing techniques to the coast groups while they learned to exploit more intensively the littoral resources.

Archaeological investigations at various sites along the southern Californian coast have uncovered valuable data regarding later time periods in this region. Sites dating to the La Jolla I Period, ca. 5,500-3,500 B.C., have yielded numerous millingstone tools, crudely shaped scrapers, and flexed burials. The La Jolla II Period, ca. 3,500-2,000 B.C., is distinguished from the previous period by the presence of cemeteries, discoidals, and various projectile point types. Following this is the La Jolla III Period, ca. 2,000-1,000 B.C.,

which is characterized by the influence of Yuman cultural traits from the east on the coastal cultures.

With this second intrusion of eastern groups to the area, increased exploitation of terrestrial food sources further diminished the coastal people's dependence on littoral resources. With an increasing focus on acorn-processing activities, indigenous groups along the southern Californian coast slowly began settling the interior regions. There was also a shift from inhumation to cremation around 500 B.C., possibly another result of eastern influences.

ETHNOGRAPHY

The APE is located in the heart of the traditional homeland of the Gabrielino, a Takic-speaking people considered to be the most populous and most powerful ethnic group in aboriginal southern California (Bean and Smith 1978:538). The Gabrielino's territory was centered in the Los Angeles Basin, reaching from San Clemente Island to the present-day San Bernardino-Riverside area and south into southern Orange County, but their influence spread as far as the San Joaquin Valley, the Colorado River, and Baja California. Unfortunately, most Gabrielino cultural practices had declined long before systematic ethnographic studies were instituted. As a result, knowledge about them and their lifeways is meager. Today, the leading ethnographic sources on Gabrielino culture are Bean and Smith (1978) and McCawley (1996).

According to the archaeological record, the Gabrielino were not the first inhabitants of the Los Angeles Basin, but arrived around 500 B.C., slowly replacing the indigenous Hokan speakers. As early as 1542, the Gabrielino were in contact with the Spanish during the historic expedition of Juan Rodríguez Cabrillo. But it was not until 1769 that the Spaniards took steps to colonize Gabrielino territory. Shortly afterwards, most of the Gabrielino people were incorporated into Mission San Gabriel and other missions in southern California. Due to introduced diseases, dietary deficiencies, and forceful reduction, the Gabrielino population dwindled rapidly. By 1900, they had almost ceased to exist as a culturally identifiable group (Bean and Smith 1978:540). In recent decades, however, there has been a renaissance of Native American activism and cultural revitalization among a number of groups of Gabrielino descendants.

HISTORY

The inland areas of present-day Los Angeles and Orange Counties received their earliest European visitors in the late 18th century with the arrival of Spanish explorers and missionaries. By 1784, Juan Manuel Nieto, a Spanish soldier, had secured for himself a temporary land grant and become the area's first non-religious settler. Between then and 1837, the entire APE passed into private ownership as parts of various Spanish and Mexican land grants, on which large herds of cattle provided the main source of income for the *rancheros*.

After the American annexation of Alta California in 1848, the region experienced enormous growth during the latter half of the 19th century. In the vicinity of the APE, the cultivation of oranges, walnuts, and avocados gradually became the leading "industry" in the late 19th and early 20th centuries. In the meantime, an oil boom in present-day Fullerton and Santa

Fe Springs also ushered in pockets of industrial establishments along the APE. Beginning in the late 1940s, as elsewhere in southern California, the forces of suburbanization swept through the project vicinity. Since then, residential and commercial have assumed a dominating influence in local economical growth*.

FIELD METHODS

The archaeological field survey of the APE, as mentioned above, was carried out on June 21 and June 24, 2002, by project archaeologist Daniel Ballester. The survey was conducted at an intensive-level, primarily by walking a single transect along the side of the existing railroad tracks where the proposed third main line track will be installed, covering a total width of at least 30 feet from the edge of the existing tracks. Reported locations of previously recorded historical/archaeological sites in or near the APE were surveyed with particular care for the purpose of examining the current conditions of these sites.

The archaeological survey covered the direct APE of the project, or all areas where construction activities and/or other ground disturbances will occur during the project. The indirect APE around each of the six proposed grade separation sites, meanwhile, was surveyed systematically for historic-era features of built environment, as discussed in the accompanying Historical Resources Evaluation Report (HRCR App. 2).

STUDY FINDINGS AND CONCLUSIONS

The results of the field survey reveal that none of the three sites previously recorded within or adjacent to the APE, CA-LAN-182, 19-002882, and 30-120020, can be found today, at least in or near the APE boundaries. The reported location of Site CA-LAN-182 in the APE, as stated above, was only speculative in nature, and had never been confirmed through archaeological field investigations. Furthermore, the location has been extensively disturbed at least since the construction of the present-day BNSF Railway in 1885-1888. It is not unexpected, therefore, that no evidence of any archaeological remains indicative of an early-historic-period Native American village was encountered at this location.

Of the two previously recorded historic-era sites, 19-002882, consisting of two refuse deposits, is reported to have been removed since its recordation in 2000, as stated above. The same fate probably also befell the archaeological features recorded at 30-120020, namely the privies and trash pits associated with the former railway station at Northam, as none of these features or any other archaeological remains of the station was observed at this location during this survey.

Despite the absence of any surface manifestation, the area around the reported location of Site CA-LAN-182 should be considered archaeologically sensitive because it remains the possible location of an early-historic-period Native American village, where the possibility of undisturbed subsurface cultural deposits cannot be ignored. In view of this possibility, any ground-disturbing activities at that location should be monitored by a qualified archaeologist.

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* For a more detailed discussion of the area's historical background since the 18th century, see "Historical Overview" in the Historical Resources Evaluation Report (HRCR App. 2).

During the course of the survey, the existing BNSF line that runs through the APE, originally built in 1885-1888, was recorded as a historic-era site due to its age, and designated temporarily as CRM TECH 789-50H. This site, which does not appear to meet CEQA's definition of a "historical resource," is discussed in further detail in the Historical Resources Evaluation Report (HRCR App. 2), along with a total of 67 other features of built environment noted within the APE.

No other archaeological investigations will be necessary for this project. However, if buried cultural materials are encountered elsewhere during construction, it is Caltrans' policy that work in that area must halt until a qualified archaeologist can evaluate the nature and significance of the find. Additional survey will be required if the project changes to include areas not previously surveyed.

REFERENCES

Bean, Lowell John, and Charles R. Smith
1978 Gabrielino. In Robert F. Heizer (ed.): *Handbook of North American Indians*, Vol. 8: *California*; pp. 538-549. Smithsonian Institution, Washington, D.C.

McCawley, William
1996 *The First Angelinos: The Gabrielino Indians of Los Angeles*. Malki Museum Press/ Ballena Press, Banning/Novato, California.

Moratto, Michael J.
1984 *California Archaeology*. Academic Press, Orlando, Florida.

ATTACHMENT A

ARCHAEOLOGICAL SITE RECORDS

CA-LAN-182, 19-002882, and 30-120020

University of California

MAPPED
11)401100E.
3761650N.

ARCHAEOLOGICAL SITE SURVEY RECORD

1. Site LAn 182 2. Map WHITTIER 3. County LOS ANGELES

4. Twp. _____ Range _____; _____ 1/4 of _____ 1/4 of Sec. _____

5. Location ~~The three most likely locations are marked on the map as 182a, 182b, and 182c.~~

6. On contour elevation _____

7. Previous designations for site Sejat

8. Owner _____ 9. Address _____

10. Previous owners, dates _____

11. Present tenant _____

12. Attitude toward excavation _____

13. Description of site an historic Gabrieliño village

14. Area _____ 15. Depth _____ 16. Height _____

17. Vegetation _____ 18. Nearest water San Gabriel River

19. Soil of site _____ 20. Surrounding soil type _____

21. Previous excavation _____

22. Cultivation _____ 23. Erosion _____

24. Buildings, roads, etc. _____

25. Possibility of destruction _____

26. House pits _____

27. Other features _____

28. Burials _____

29. Artifacts _____

30. Remarks see over

31. Published references W. W. ROBINSON, "Whittier" Title and Trust Co. 1947

32. Accession No. _____ 33. Sketch map _____

34. Date Jan 12, 1950 35. Recorded by _____ 36. Photos _____

RESULTS: Near the river were brush huts, the dwellings of Shoshonean Indians who lived on wild seeds, small game , and honey. This was the village of Sejat, so call by Father Boscana of San Juan Capistrano. It was the traditional place of wild bee whose hives were located in holes found in the river banks. Long ago the people of the village became too many in number. Some of them wandered south and in time colonized the Valley of San Juan Capistrano. The story of the journey from the Whittier region passed into writings of Geronimo Boscana.

Sajat, sometimes called Suka, may have been at the knoll of black sandy soil a short distance dwnstream from the Pio Pico mansion. It may have been near the Soutern Pac. Junct. Tower that stands at the crossing of the Whittier spur of the S. P. with the Santa Fe or near the Tomas Sanchez Colima house at both of which spots were Indian graveyards. Its site may have been just west of the old Guirado place where the first white settler, Jose Manuel Nieto, built his home. John P. Harrington, Indian authority, suggests these places, for they were pointed out to him by Juan Ramirez who had lived eighty yrs. in this area.

Oct 1984

FIELDWORK UPDATE OF THE PICO SITE, LAN-182A BY STEVEN BRIGGS

A SMALL EXCAVATION CREW HAS CONTINUED WORK EVERY SATURDAY AND SUNDAY DURING THE MONTH OF AUGUST IN UNITS 2A AND 3. UNIT A HAS BEEN COMPLETED TO 120 CM AND UNIT 3 HAS BEEN COMPLETED TO 80 CM.

UNIT 2A IS UNIT 2, EXPANDED FROM A 1M by 1M TO A 2M by 2M UNIT. THE NEXT LEVEL, (120-130 CM) SHOULD EXPOSE THE REST OF FEATURE 1 FOUND LAST MAY IN UNIT 2. FEATURE 1 WAS A TIGHTLY PACKED ROCK SCATTER OR POSSIBLE HEARTH LOCATED IN THE NW CORNER. THE EXPANDED UNIT 2A WILL HOPEFULLY EXPOSE THE REST OF THIS FEATURE.

A LOT OF NEW INFORMATION AND MANY QUESTIONS HAVE ARISEN THIS LAST MONTH FROM BOTH THE EXCAVATION AND THE LITERATURE SEARCH. THIS PICO HOUSE SITE IS A SMALL FRACTION OF THE SITE ORIGINALLY RECORDED IN THE 1940's. THE ORIGINAL SITE FORMS, AT UCLA, HAVE VERY LITTLE HELPFUL INFORMATION. BASICALLY, THE PICO SITE WAS RECORDED SIMPLY AS ONE OF THREE OR ONE OF FIVE POSSIBLE SITES OF THE LEGENDARY "SEJAT". PCAS MEMBER STEPHEN O'NEIL HAS RECENTLY POINTED OUT THAT SEJAT IS MENTIONED IN FATHER BOSCANA'S BOOK CHINIGCHINICH. MY UNDERSTANDING OF SEJAT IS THAT THIS SITE OR REGION, ACCORDING TO BOSCANA, IS POSSIBLY THE AREA FROM WHERE THE JUANENO PEOPLE MIGRATED. WHETHER OR NOT THE PICO SITE IS SEJAT, WE DO KNOW IT IS ALSO CALLED "LA RANCHERIA" IN BOSCANA'S BOOK.

WE HAVE ALSO LEARNED THAT THE ARCHAEOLOGICAL SURVEY ASSOCIATION OF SOUTHERN CALIFORNIA EXCAVATED SEVERAL UNITS ON SEGMENTS OF THIS SITE WHICH NO LONGER EXIST. THESE EXCAVATIONS WERE DONE BACK IN THE EARLY 1940's. UNFORTUNATELY, IT APPEARS THAT ALL OF THE ARTIFACTS FROM THAT EXCAVATION HAVE BEEN LOST, AND CURRENTLY THE ASA HAS NOT BEEN ABLE TO TRACE THEM FOR EXAMINATION. A COPY OF THE ASA REPORT IS AVAILABLE, AND WAS PUBLISHED IN THE ASA NEWSLETTER, VOLUME 2, NUMBER 3.

DESPITE THE DIFFICULTIES INVOLVED IN RETRACING PREVIOUS RESEARCH, THE PCAS EXCAVATION HAS YIELDED USEFUL INFORMATION. FOR EXAMPLE, HUNDREDS OF SMALL SHATTERED BONE FRAGMENTS HAVE BEEN RECOVERED, MANY OF THEM BURNT. IN A PERSONAL COMMUNICATION WITH FAUNAL ANALYST PAUL LANGENWALTER, HE HAS COMMENTED THAT THE AMOUNT OF BONE RECOVERED PLUS THE OTHER CULTURAL INDICATORS SUGGESTS A MAJOR INDIAN VILLAGE SITE.

OTHER CULTURAL MATERIAL INCLUDES AN AVERAGE OF ONE TO FOUR TARRING PEBBLES RECOVERED PER LEVEL. MANY CHERT FLAKES, AND ABUNDANT FIRE-ALTERED STONE HAVE BEEN RECOVERED. WE HAVE ALSO BEEN FINDING AN OCCASIONAL PIECE OF FIRED CLAY. AS OF YET WE HAVE NOT RECOVERED ANY DIAGNOSTIC POTTERY.

SEEDS HAVE ALSO BEEN RECOVERED, AS OF YET UNIDENTIFIED. SOME HAVE BEEN BURNT. ONE OF THE MOST INTERESTING QUESTIONS ABOUT THE SITE CONCERNS THE SEEDS, AND WHETHER OR NOT THE TWO TYPES BEING RECOVERED ARE CULTURAL OR INTRUSIVE.

QUITE A BIT MORE CAN BE SAID ABOUT THE PICO SITE, BUT WE'D RATHER TALK TO YOU ON THE SITE. THIS TEST EXCAVATION MUST BE COMPLETED BY OCTOBER 21. WE NEED YOUR PARTICIPATION AT THE SITE. FOR INFORMATION, PLEASE CALL JIM BROCK AT (714) 548-6622.

University of California

MAPPED
11)401100E.
3761650N.

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A SMALL EXCAVATION CREW HAS CONTINUED WORK EVERY SATURDAY AND SUNDAY DURING THE MONTH OF AUGUST IN UNITS 2A AND 3. UNIT A HAS BEEN COMPLETED TO 120 CM AND UNIT 3 HAS BEEN COMPLETED TO 80 CM.

UNIT 2A IS UNIT 2, EXPANDED FROM A 1M by 1M TO A 2M by 2M UNIT. THE NEXT LEVEL, (120-130 CM) SHOULD EXPOSE THE REST OF FEATURE 1 FOUND LAST MAY IN UNIT 2. FEATURE 1 WAS A TIGHTLY PACKED ROCK SCATTER OR POSSIBLE HEARTH LOCATED IN THE NW CORNER. THE EXPANDED UNIT 2A WILL HOPEFULLY EXPOSE THE REST OF THIS FEATURE.

A LOT OF NEW INFORMATION AND MANY QUESTIONS HAVE ARISEN THIS LAST MONTH FROM BOTH THE EXCAVATION AND THE LITERATURE SEARCH. THIS PICO HOUSE SITE IS A SMALL FRACTION OF THE SITE ORIGINALLY RECORDED IN THE 1940's. THE ORIGINAL SITE FORMS, AT UCLA, HAVE VERY LITTLE HELPFUL INFORMATION. BASICALLY, THE PICO SITE WAS RECORDED SIMPLY AS ONE OF THREE OR ONE OF FIVE POSSIBLE SITES OF THE LEGENDARY "SEJAT". PCAS MEMBER STEPHEN O'NEIL HAS RECENTLY POINTED OUT THAT SEJAT IS MENTIONED IN FATHER BOSCANA'S BOOK CHINIGCHINICH. MY UNDERSTANDING OF SEJAT IS THAT THIS SITE OR REGION, ACCORDING TO BOSCANA, IS POSSIBLY THE AREA FROM WHERE THE JUANENO PEOPLE MIGRATED. WHETHER OR NOT THE PICO SITE IS SEJAT, WE DO KNOW IT IS ALSO CALLED "LA RANCHERIA" IN BOSCANA'S BOOK.

WE HAVE ALSO LEARNED THAT THE ARCHAEOLOGICAL SURVEY ASSOCIATION OF SOUTHERN CALIFORNIA EXCAVATED SEVERAL UNITS ON SEGMENTS OF THIS SITE WHICH NO LONGER EXIST. THESE EXCAVATIONS WERE DONE BACK IN THE EARLY 1940's. UNFORTUNATELY, IT APPEARS THAT ALL OF THE ARTIFACTS FROM THAT EXCAVATION HAVE BEEN LOST, AND CURRENTLY THE ASA HAS NOT BEEN ABLE TO TRACE THEM FOR EXAMINATION. A COPY OF THE ASA REPORT IS AVAILABLE, AND WAS PUBLISHED IN THE ASA NEWSLETTER, VOLUME 2, NUMBER 3.

DESPITE THE DIFFICULTIES INVOLVED IN RETRACING PREVIOUS RESEARCH, THE PCAS EXCAVATION HAS YIELDED USEFUL INFORMATION. FOR EXAMPLE, HUNDREDS OF SMALL SHATTERED BONE FRAGMENTS HAVE BEEN RECOVERED, MANY OF THEM BURNT. IN A PERSONAL COMMUNICATION WITH FAUNAL ANALYST PAUL LANGENWALTER, HE HAS COMMENTED THAT THE AMOUNT OF BONE RECOVERED PLUS THE OTHER CULTURAL INDICATORS SUGGESTS A MAJOR INDIAN VILLAGE SITE.

OTHER CULTURAL MATERIAL INCLUDES AN AVERAGE OF ONE TO FOUR TARRING PEBBLES RECOVERED PER LEVEL. MANY CHERT FLAKES, AND ABUNDANT FIRE-ALTERED STONE HAVE BEEN RECOVERED. WE HAVE ALSO BEEN FINDING AN OCCASIONAL PIECE OF FIRED CLAY. AS OF YET WE HAVE NOT RECOVERED ANY DIAGNOSTIC POTTERY.

SEEDS HAVE ALSO BEEN RECOVERED, AS OF YET UNIDENTIFIED. SOME HAVE BEEN BURNT. ONE OF THE MOST INTERESTING QUESTIONS ABOUT THE SITE CONCERNS THE SEEDS, AND WHETHER OR NOT THE TWO TYPES BEING RECOVERED ARE CULTURAL OR INTRUSIVE.

QUITE A BIT MORE CAN BE SAID ABOUT THE PICO SITE, BUT WE'D RATHER TALK TO YOU ON THE SITE. THIS TEST EXCAVATION MUST BE COMPLETED BY OCTOBER 21. WE NEED YOUR PARTICIPATION AT THE SITE. FOR INFORMATION, PLEASE CALL JIM BROCK AT (714) 548-6622.

Applied EarthWorks, Inc.

PRIMARY RECORD

Primary # 19-002882
HRI #
Trinomial
NRHP Status Code

Other Listings | Review Code | Reviewer | Date

P1. Temporary Number/Resource Name: AE-AC-2045H

P2. Location: **a. County** Los Angeles , California ☒ Not for publication ☐ Unrestricted
b. USGS 7.5' Quad Los Angeles **Date** 1966, photorevised 1981, 1994
T. 2S, R. 13W ; **of** **of** **Sec.** Not sectioned
c. Address: **City** Los Angeles **Zip**
d. Zone 11 , 388990 **mE/** 3763830 **mN**
e. Other Locational Data (e.g., parcel #, legal description, directions to resource, additional UTMs, etc., when appropriate): AE-AC-2045H consists of two primary refuse deposits exposed during ACTA-related utility trenching along the south side of the Burlington Northern Santa Fe Railroad right-of-way between Hobart Tower and Indiana Avenue, northeast of 3650 East 26th Street and approximately 110 ft east of Downey Road in the city of Los Angeles.

P3a. Description (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries): AE-AC-2045H consists of two primary refuse deposits situated approximately 2 ft below current grade and measure roughly 2 ft wide by 3 ft long by an unknown depth (construction activities had removed most of the deposits prior to recordation by the archaeological monitor). The deposits contained domestic refuse, including glass beverage bottles, glass food containers, and metal cooking utensils, dating to the 1930s and 1940s. The archaeological monitor collected a representative sample of artifacts prior to the entire removal of both deposits.

P3b. Resource Attributes (List attributes and codes): AH4 - Refuse deposits.

P4. Resources Present: ☐ Building ☐ Structure ☐ Object ☒ Site ☐ District ☐ Element of district ☐ Other:

P5. Photograph or Drawing: (Photograph required for buildings, structures, and objects.)

P6. Date Constructed/Age and Source: ☐ Prehistoric ☒ Historic ☐ Both

P7. Owner and Address: Unknown.

P8. Recorded by (Name, affiliation, address): R. Krautkramer, Applied EarthWorks, Inc. 3292 E. Florida Ave., Suite A, Hemet, CA 92544.

P9. Date Recorded: December 22 2000

P10. Type of Survey: ☐ Intensive ☐ Reconnaissance ☒ Other
Describe: Site was recorded during ACTA-related construction.

P11. Report Citation (Provide full citation or enter "none"): None as of yet.

***Attachments:** ☐ None ☒ Location Map ☒ Sketch Map ☐ Continuation Sheet ☐ Building, Structure, and Object Record ☒ Archaeological Record ☐ District Record ☐ Linear Feature Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record ☐ Photograph Record Other:

A1. Dimensions: Both deposits measure approximately **a.** 3 ft (E/W) **Length** **b.** 2 ft (N-S) **Width**

Method of Measurement: ☒ Paced ☐ Taped ☐ Visual estimate ☐ Other

Method of Determination (Check any that apply): ☒ Artifacts ☐ Features ☐ Soil ☐ Vegetation ☐ Topography ☐ Cut bank ☐ Animal burrow ☐ Excavation ☐ Property boundary ☐ Other (explain):

Reliability of Determination: ☒ High ☐ Medium ☐ Low ☐ Other Explain:

Limitations (Check any that apply): ☐ Restricted access ☐ Paved/built over ☐ Disturbances ☐ Site limits incompletely defined ☐ Other (Explain): See above.

A2. Depth: ☐ None ☐ Unknown Method of Determination: The refuse deposits were located approximately 2 ft below current grade.

A3. Human Remains: ☐ Present ☒ Absent ☐ Possible ☐ Unknown (Explain):

A4. Features (Number, briefly describe, indicate size, list associated cultural constituents, and show location of each feature on sketch map): Aside from the refuse deposits, no features were readily observed.

A5. Cultural Constituents (Describe and quantify artifacts, ecofacts, cultural residues, etc., not associated with features): The deposits contained domestic refuse, including glass beverage bottles, glass food containers, and metal cooking utensils, dating to the 1930s and 1940s.

A6. Were Specimens Collected? ☐ No ☒ Yes (If yes, attach Artifact Record or catalog and identify where specimens are curated.) Because the artifacts may be contaminated by hazardous materials, no artifact record or catalog has been completed until the artifacts are thoroughly cleaned

A7. Site Condition: ☐ Good ☒ Fair ☐ Poor (Describe disturbances): Site condition at the time of recordation; deposits have subsequently been destroyed by construction-related activities

A8. Nearest Water (Type, distance, and direction): The channelized Los Angeles River drainage is approximately 0.25 mi north of the site area.

A9. Elevation: 187 ft amsl.

A10. Environmental Setting (Describe vegetation, fauna, soils, geology, landform, slope, aspect, exposure, etc., as appropriate): The site, located in the industrial district of Los Angeles, is in disturbed silty, sandy sediments of the Los Angeles River flood plain; slope is less than one percent with a southern aspect, and exposure is open.

A11. Historical Information (Note sources and provide full citations in Field A15 below): None available as of yet.

A12. Age: ☐ Prehistoric ☐ Pre-Colonial (1500–1769) ☐ Spanish/Mexican (1769–1848) ☐ Early American (1848–1880) ☐ Turn of century (1880–1914) ☒ Early 20th century (1914–1945) ☐ Post WWII (1945+) ☐ Undetermined Factual or estimated dates of occupation (explain): Dates are based on diagnostic artifacts.

A13. Interpretations (Discuss scientific, interpretive, ethnic, and other values of site, if known): None as of yet.

A14. Remarks: Continued monitoring of construction excavation in the area of AE-AC-2045H is recommended. Additional archival research will be conducted to further ascertain the association of AE-AC-2045H.

A15. References (Give full citations including the names and address of any persons interviewed, if possible):

A16. Photographs (List subjects, direction of view, and accession numbers or attach a Photograph Record): RK-30, Frames 1-8; AC-2045H, Frames 1-8.

A17. Form Prepared by: M. Horne **Date:** 2/08/01
Affiliation and Address: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544

Applied EarthWorks, Inc.

PHOTOGRAPH RECORD

Primary # 19-002882
HRI #/Trinomial

Temporary Number/Resource Name: AC-2045H---Refuse deposits F-1 and F-2
Project Name: Alameda Corridor Monitoring Project **Roll #** RK-30 **Photographer:** R. Krautkramer
Camera Format: 35 mm **Lens Size:** 38-60 mm
Film Type and Speed: Fujicolor 100 color print **Year:** 2000
Negatives Kept at: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544

Mo.	Day	Time	Exp./ Frame	Subject/Description	View Toward	Accession #
12	22	0754	1	Menu board for exposed refuse deposits F-1 and F-2 north of E. 26th St.	Down	
12	22	1017	2	Overview looking east towards Bendor Construction storm drain excavation on location of features.	E	
12	22	1019	3	Overview showing location along east-west BNSF tracks and located due east of Hob??? tower at 84+00.	W	
12	22	1023	4	Closeup showing location of Feature 1.	S	
12	22	1031	5	Closeup showing Feature 2 location.	S	
12	22	1032	6	Closeup of Feature 2 showing remnants of deposit; small deposit of rusty metal between 88+00 and 87+00.	S	
12	22	1035	7	Western side view of removed concrete footing, pad. Probably base of old signal tower,????????????????	W	
12	22	1036	8	Front closeup shot of exposed concrete footing/pad with bolts on top. Probably remnants of an early signal tower base. Found somewhere between Stations 87+00 and 88+00 BNSF just north of E. 26th St. east of Downey Rd.	S	

Applied EarthWorks, Inc.

PHOTOGRAPH RECORD

Primary # 19 - 002882

HRI #/Trinomial

Temporary Number/Resource Name: AC-2045H—Refuse deposits F-1 and F-2

Project Name: Alameda Corridor Monitoring Project **Roll #** AC-2045H **Photographer:** R. Krautkramer

Camera Format: Digital **Lens Size:** 42 mm

Film Type and Speed: 3.5" disk **Year:** 2000

Negatives Kept at: Applied EarthWorks, Inc., 3292 E. Florida Ave., Suite A, Hemet, CA 92544

Mo.	Day	Time	Exp./ Frame	Subject/Description	View Toward	Accession #
12	22	0754	1	Menu board for refuse deposits AC-2045H F-1 and F-2 north of E. 26th St.	Down	
12	22	1017	2	Overview looking east towards excavation trench (Bendor Construction on location of features).	E	
12	22	1019	3	Overview showing approximate location of feature along east-west running BNSF tracks.	W	
12	22	1023	4	Closeup showing location of Feature 1.	S	
12	22	1031	5	Closeup showing Feature 2 location.	S	
12	22	1032	6	Closeup of Feature 2 showing small deposit of rusty material within stepped excavation approx. 6 x 12 in.	S	
12	22	1034	7	Western side view of concrete footing, pad with bolt on top portion, excavated from trench.	W	
12	22	1035	8	Front closeup shot of unknown concrete footing/pad removed adjacent to F-2, but no provenience was noted—only paleo monitor was present when removed, somewhere along south side of tracks between Stations 87+00 and 88+00 just north of E. 26th St.	S	

Applied EarthWorks, Inc.

SITE MAP SHEET

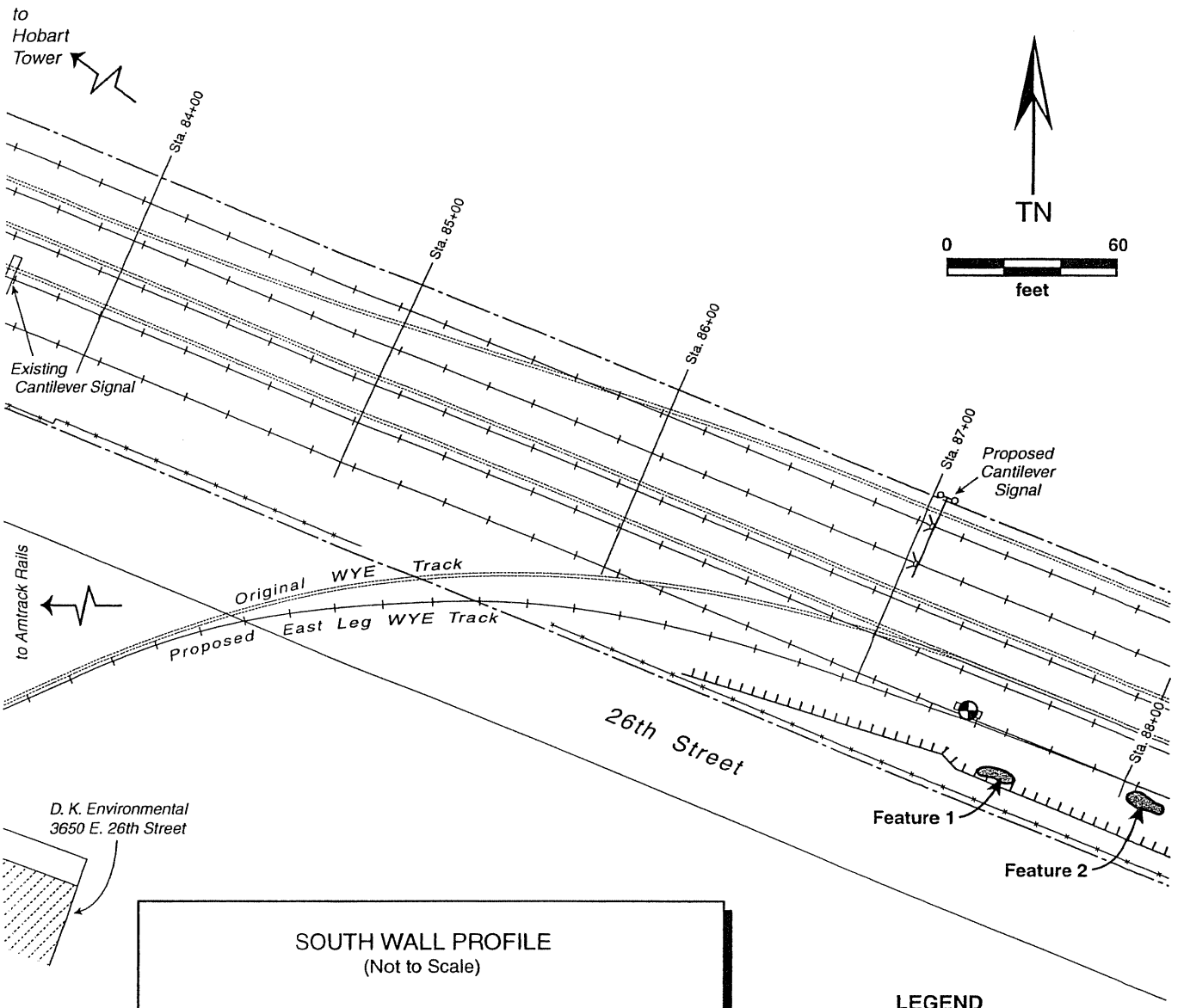
Primary #19 - 002882

HRI #/Trinomial

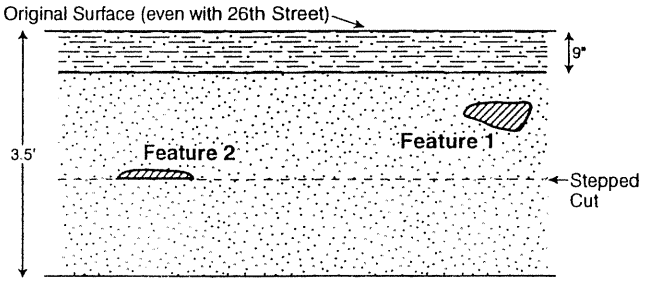
Page 6 of 7

Temporary Number/Resource Name: AE-AC-2045H

Map Name: AE-AC-2045H Site Map **Scale:** 1" : 60' **Date:** February 2001



SOUTH WALL PROFILE
(Not to Scale)



Alluvial Silty Sandy Fill

Alluvial Sands (natural)

Feature Deposit

LEGEND

- Site Datum (signal box)
- Refuse Deposit Feature
- Edge of Right-of-Way
- South Edge of Trench
- Fence
- Original Rail (BNSF)
- Proposed Rail (BNSF/ACTA)

Applied EarthWorks, Inc.

LOCATION MAP SHEET

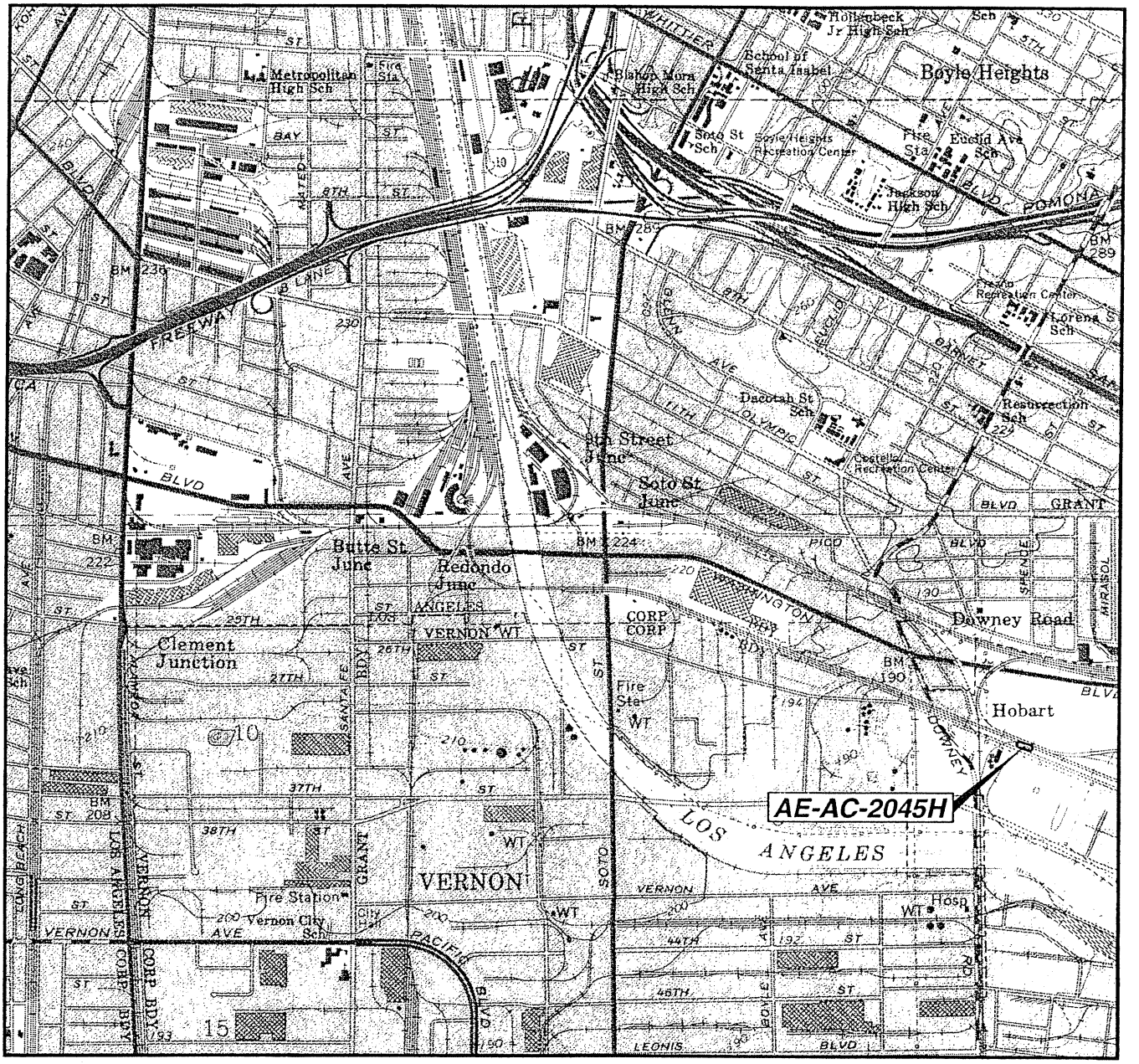
Primary # 19-002882

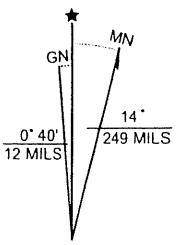
HRI #/Trinomial

Page 7 of 7

Temporary Number/Resource Name: AE- AC-2045H

Map Name: AE-AC-2045H Location Map **Scale:** 1:24,000 **Date:** February 2001





UTM GRID AND 1994 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

SCALE 1:24 000

1 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

Los Angeles, CA 7.5' USGS Quad 1966 (1981, 1994)

State of California—The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code
Other Listings
Review Code Reviewer Date

Page ___ of ___ *Resource Name or #: (Assigned by recorder)

P1. Other Identifier:

*P2. Location: ☐ Not for Publication ☐ Unrestricted *a. County

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad La Habra Quad Date ___ T___; R___; ___ ¼ of ___ ¼ of Sec___; _____ B.M.

c. Address City Zip

d. UTM: (Give more than one for large and/or linear resources) Zone ____; _____ mE/ _____ mN

e. Other Locational Data: (e.g., parcel #, directions to resource, elevation, etc., as appropriate)

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries)

The project area contains two potentially significant cultural resources:

1. Two privies and historic trash pits associated with the Northam Railroad Station. These remains extend in time from the late 1800's to 1962. Historical outside privies have proven to yield significant historical artifacts in other areas.

2. The subsurface may contain segments of a paleontological fossil bearing formation known as "La Habra" found in nearby Coyote Creek,

*P3b. Resource Attributes: (List attributes and codes)

*P4. Resources Present: ☐Building ☐Structure ☐Object ☐Site ☐District ☐Element of District ☐Other (Isolates, etc.)

P5a. Photo or Drawing (Photo required for buildings, structures, and objects.)

P5b. Description of Photo: (View, date, accession #)

*P6. Date Constructed/Age and Sources: ☐Historic ☐Prehistoric ☐Both

*P7. Owner and Address:

*P8. Recorded by: (Name, affiliation, and address)

*P9. Date Recorded:

*P10. Survey Type: (Describe)

*P11. Report Citation: (Cite survey report and other sources, or enter "none.")

*Attachments: NONE ☐Location Map ☐Sketch Map ☐Continuation Sheet ☐Building, Structure, and Object Record ☐Archaeological Record ☐District Record ☐Linear Feature Record ☐Milling Station Record ☐Rock Art Record ☐Artifact Record ☐Photograph Record ☐ Other (List)

DPR 523A (1/95) *Required information

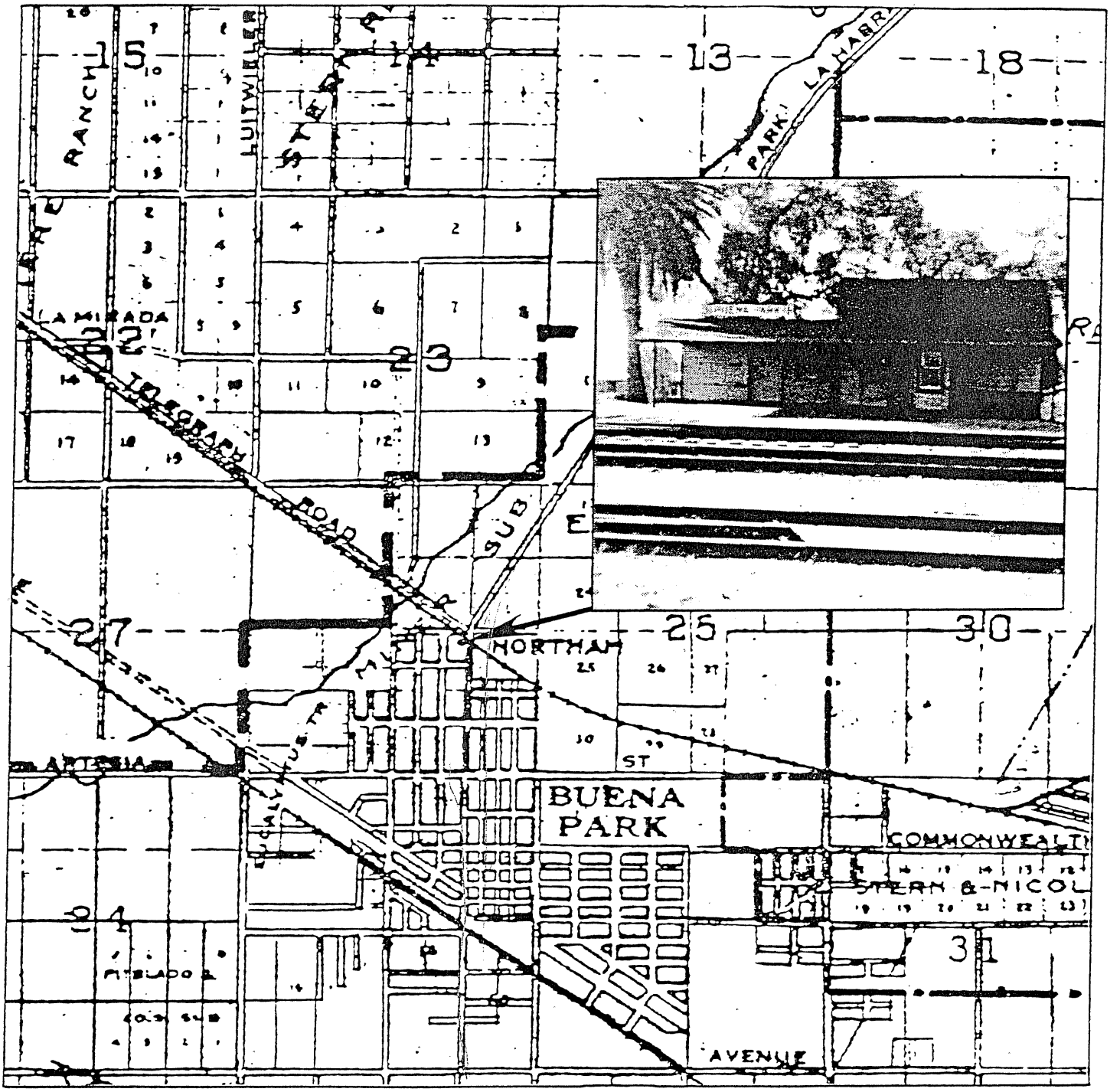


Figure 4. Map and Photo Showing Position of Northam Station. Photo taken by H.A. Chamberlain in the 1960's. Map is enlargement of a portion of the official Orange County Map (1932); original provided by Santa Ana Local History Room, Santa Ana Public Library.

APPENDIX 2

HISTORICAL RESOURCES EVALUATION REPORT

Third Main Track and Grade Separation Project
Hobart (MP 148.9) to Basta (MP 163.3)
BNSF/Metrolink East-West Main Line Railroad Track
Vernon to Fullerton, Los Angles and Orange Counties, California

Prepared for:

Gary Iverson, Office Chief
Environmental Planning
Caltrans District 7
120 South Spring Street
Los Angeles, CA 90012

Prepared by:

Bai "Tom" Tang, M.A., Principal Investigator/Historian/Architectural Historian
Teresa Woodard, B.A., Historian/Architectural Historian
CRM TECH
4472 Orange Street
Riverside, CA 92501

CRM TECH Contract #789
USGS Los Angeles, South Gate, Whittier, La Habra, and Anaheim, Calif., 7.5' quadrangles
T2-3S R10-13W, San Bernardino Base Meridian
Sites CRM TECH 789-1H to -50H

November 2002

TABLE OF CONTENTS

SUMMARY OF FINDINGS

The present Historical Resources Evaluation Report is prepared in compliance with the California Environmental Quality Act (CEQA) for the proposed third main track and grade separation project on the Burlington Northern Santa Fe (BNSF) Railway Company's East-West Main Link Railroad between Hobart (Mile Post 148.9) in the City of Vernon and Basta (MP 163.3) in the City of Fullerton, California. The project's Area of Potential Effects (APE) is delineated to encompass the actual footprint of all necessary construction activities, as well as areas adjacent to the six grade separation sites that may potentially be affected by visual, noise, and atmospheric intrusions as a result of the project. The purpose of the report is to evaluate the historical significance of built environment cultural resources that were noted during the present survey within or adjacent to the APE.

Fieldwork for this survey was completed on June 21-24 and July 23, 2002. As a result of the survey, a total of 49 pre-1957 buildings were recorded within the APE, but none of them appears to meet CEQA's definition of a "historical resource." Also noted in the APE were 55 other buildings or groups of buildings that postdate 1957. Pursuant to Caltrans Interim Policy for the Treatment of Buildings Constructed in 1957 or Later, these buildings are not considered potential "historical resources," and do not require further study.

The existing BNSF railroad line that runs through the APE, originally built in 1885-1888, was recorded during the survey as a historical site due to its age, and designated temporarily as CRM TECH 789-50H. Despite the important role that the Santa Fe Railway played in the growth of southern California in the late 19th century, the railroad line and its associated features that are present today, as working components of the modern transportation infrastructure, do not retain sufficient historic integrity to relate to the site's period of significance, and thus do not appear to qualify as a "historical resource."

Along with the railroad line, the survey noted 18 bridges that carry the BNSF line over various streets or natural waterways. Thirteen of these were previously evaluated as ineligible for listing in the National Register of Historic Places. The five oldest among them, constructed between 1937 and 1950, have become 50 years old since the establishment of the Inventory in 1984-1986, but none of them demonstrates any special historical, architectural, or other qualities to warrant a formal re-evaluation. Five of the 18 bridges were not previously evaluated for historical significance, but all five have been constructed since 1967. None of the 18 bridges, therefore, appear to qualify as a "historical resource."

Also located within the APE is a commemorative plaque installed by the City of Santa Fe Springs, which marks the approximate location of the historic Los Nietos School. The plaque has no historic value of its own, and is not considered a potential "historical resource." No archaeological remains or other potentially historic features were observed in the vicinity of the plaque.

Based on these findings, the present report concludes that no "historical resources," as defined by CEQA, are known to exist within or adjacent to the APE, and thus the proposed project will have *no impact* on any known "historical resources."

PROJECT DESCRIPTION

As part of its program to improve inter-city passenger rail services, the State of California Department of Transportation, Division of Rails, proposes a project to upgrade the capacity of the Burlington Northern Santa Fe (BNSF) Railway Company/Metrolink East-West Main Line Railroad Track. The project entails primarily the installation of a third main line track along the existing BNSF Railway from Hobart (Mile Post 148.9) to Basta (MP 163.3). The project route traverses portions of the San Juan Cajon de Santa Ana, Los Coyotes, Santa Gertrudes (McFarland and Downey), Santa Gertrudes (Colima), Paso de Bartolo (Sepulveda), Paso de Bartolo (Guirado), and San Antonio (Lugo) land grants lying within of T2-3S R10-13W, San Bernardino Base Meridian, across or along the boundaries of the Cities of Fullerton, Buena Park, La Mirada, Santa Fe Springs, Norwalk, Pico Rivera, Montebello, City of Commerce, and Vernon (see HRCR Exhibit A).

In addition to the installation of the third main line track, the project also includes various other improvements and upgrading, most notably the construction of six grade separations at the BNSF main line's intersections with Passons Boulevard, Pioneer Boulevard, Norwalk Boulevard/Los Nietos Road, Lakeland Road, Rosecrans Avenue/Marquardt Avenue, and Valley View Avenue, located in the Cities of Pico Rivera, Santa Fe Springs, and La Mirada, and the unincorporated community of Los Nietos. The project's Area of Potential Effects (APE) is delineated to encompass the actual footprint of all necessary construction activities along the project route, as well as areas adjacent to the six grade separation sites that may potentially be affected by visual, noise, and atmospheric intrusions as a result of the project (see HRCR Exhibit A).

RESEARCH METHODS

RECORDS SEARCH

In June, 2002, the South Central Coastal Information Center (SCCIC) at California State University, Fullerton, performed a historical/archaeological resources records search on the APE. During the records search the following sources were consulted:

- National Register of Historic Places;
- California Register of Historical Resources;
- California Historical Landmarks;
- California Points of Historical Interest;
- California Historical Resource Information System;
- City of Los Angeles Historic-Cultural Monuments.

Besides the records of SCCIC, the California Historic Bridge Inventory was also examined for previously identified cultural resources within or adjacent to the APE (HRCR App. 3).

HISTORICAL BACKGROUND RESEARCH

In conjunction with the records search, a general historical background research was conducted on the basis of historic maps of the project vicinity and published literature in local/regional history and the history of the Atchison, Topeka and Santa Fe Railway

(ATSF), forerunner of BNSF in southern California. Among maps consulted were the U.S. General Land Office's (GLO) land survey plat maps produced in the mid-19th century and the U.S. Geological Survey's (USGS) topographic maps dated 1900-1945. These maps are collected at the Science Library of the University of California, Riverside, and the California Desert District of the U.S. Bureau of Land Management, also located in Riverside.

After potentially historic sites, buildings, and other features were identified within the APE during the field survey, additional historical research was carried out in an attempt to establish the age and historical background of these features. In addition to the sources listed above, archival records of BNSF, the County of Los Angeles, and the Cities of Pico Rivera, Santa Fe Springs, and La Mirada were consulted during this phase of the research, as were materials on file at the local history collections of the various public libraries in the communities along the project route.

CONSULTATION WITH LOCAL COMMUNITIES

In July and August, 2002, governments of the nine cities along the project route were contacted to identify any cultural resources of local historical interest that may be present within or adjacent to the APE, and to solicit from the local communities any other comments regarding cultural resources issues. A telephone log with names and positions of the persons contacted at each City and copies of written correspondences are presented in Appendix 4 to the HRCR. Written requests for similar information were also sent to the Heritage Coordinating Council of Fullerton and the Whittier Historical Society and Museum (HRCR App. 4), the two local historical organizations along the project route that are identified by the American Association for State and Local History (2002).

HISTORICAL OVERVIEW

EARLY EXPLORATION AND SETTLEMENT IN THE SPANISH/MEXICAN PERIODS

The present-day southeastern Los Angeles County and northwestern Orange County, in which the Area of Potential Effects lies, received the earliest European visitors in the late 18th century with the arrival of Spanish explorers and missionaries. Mission San Gabriel, originally founded in what is now Montebello, was awarded jurisdiction over most of the APE after its establishment in 1771. Shortly afterwards, Juan Manuel Nieto, a Spanish soldier, became the area's first non-religious settler. By 1784, Nieto had built the first adobe house in the region on a 145,000-acre rancho he had received as a temporary land grant from the King of Spain, which included all the land from the mountains to the sea between the Santa Ana and San Gabriel Rivers.

After Nieto's death, the property was divided among his heirs into five smaller ranchos: Los Alamitos, Los Cerritos, Santa Gertrudes, Los Coyotes, and Las Bolsas. The APE traverses through two of these, Los Coyotes and Santa Gertrudes, as well as three later Spanish or Mexican (after 1822) land grants: San Antonio, created in 1810; Paso de Bartolo Viejo, created in 1835; and San Juan Cajon de Santa Ana, created in 1837. By 1837, the entire APE had been claimed by the recipients of these land grants. As elsewhere in Alta California, cattle raising was the most prevalent economic activity on these and other nearby ranchos until the influx of American settlers eventually brought an end to this now-romanticized lifestyle after the end of Mexican rule.

GROWTH AND URBANIZATION SINCE THE AMERICAN ANNEXATION

After the American annexation of Alta California in 1848, the area experienced enormous growth during the latter half of the 19th century, when it benefited from both the gradual expansion of the nearby City of Los Angeles and the establishment of horticulture as the main agricultural pursuit of southern California. In the vicinity of the APE, orange, walnut, and avocado cultivation gradually became the leading "industry" in the late 19th and early 20th centuries, after earlier attempts at growing corn, hay, and vineyards proved to be unsuccessful (ATSF 1983:226). The Pico Rivera area, for example, was devoted almost exclusively to citrus production in the 1940s (*ibid.*). In addition to horticulture, dairy farming also played an important role in the local economy, most notably in Norwalk and Buena Park (City of Norwalk 2002; ATSF 1983:230).

In the late 1890s, petroleum was discovered in the rolling hills north of the town of Fullerton, ushering in an oil boom along the southeastern portion of the APE. The boom culminated during the 1920s, when the Santa Fe Springs area distinguished itself as the most productive oil field in California (Da Rold 1979:10). The heavy concentration of the petroleum industry caused other industrial establishments to gravitate to the area as well. In 1957, when the City of Santa Fe Springs was incorporated, the area was largely divided into an industrial east side and a residential west side, with most of the residential development occurring during the post-WWII period (*ibid.*:11).

Beginning in the late 1940s, as a result of the post-war prosperity in American economy and the accompanying population explosion in the Los Angeles area, the forces of suburbanization swept through the project vicinity, and assumed a dominating influence in local economical growth. Situated on the southeastern rim of the fast-growing metropolis of Los Angeles, the large stretches of farmlands along the APE became a prime target for tract home developers. In 1953, for example, the McNally-Neff family sold most of its 2,278-acre orchard land holdings, known as Windemere Ranch, for residential subdivision, on which virtually the entire City of La Mirada was created (City of La Mirada 2002). In less than seven years after that, the formerly 100-home community grew to 10,000 homes (*ibid.*).

Among the eight incorporated cities along the APE, Norwalk was founded in 1877 around a station on the Southern Pacific Railway (SP), followed ten years later by Fullerton and Buena Park, both of them on or near the Atchison, Topeka, and Santa Fe Railway (ATSF). Fullerton, in fact, was named for a Santa Fe land agent who is credited with routing the railroad through the city (Anonymous 2002). Supported by the twin pillars of its livelihood, oranges and oil, Fullerton grew rapidly, and was incorporated as a city in 1904, followed by Montebello in 1920. The other six cities along the APE, including Norwalk and Buena Park, were not incorporated until after WWII. In retrospect, Fullerton's strategic location on the ATSF system contributed significantly to its growth in the late 19th century.

THE ATCHISON, TOPEKA, AND SANTA FE RAILWAY IN THE APE

As often demonstrated in the history of the American West, many of the communities along the project route owe their births to the railroad in the APE, historically the Atchison, Topeka, and Santa Fe Railway. Prior to the arrival of the ATSF in the 1880s, the Southern Pacific Railway, completed through the Los Angeles area in 1876-1877, enjoyed a railroad

monopoly in California. In 1885, upon the completion of the first ATSF line in southern California, the two railroad giants engaged each other in a fierce rate war. For a short time in March, 1886, the cutthroat competition drove the price of a passenger ticket from the Midwest to southern California to as low as one dollar, making it "cheaper to travel than to stay home" (Ingersoll 1904:267).

The demise of the SP's railroad monopoly was an important factor in the great southern California land boom of the 1880s. In 1887 alone, more than 200,000 newcomers arrived in southern California (BNSF 2002). In both the coastal regions and inland valleys, new towns sprang up by the dozens on former holdings of the cattle ranches or timely acquisitions of land speculators. During one single year, real estate sales in Los Angeles County exceeded $200 million (*ibid.*). With the development of the refrigerated cars soon after, the railroads were also instrumental in establishing southern California's growing agricultural business by transporting the perishable produce, especially the high-profit fresh fruits, to faraway eastern cities.

Most of the railroad in the APE was constructed in 1885-1888 as a part of the ATSF main line from Los Angeles to Orange, and on to San Diego (Gustafson and Serpico 1992:113). The easternmost segment, measuring approximately 1.5 miles in length, was built in 1910 as a part of the "Fullerton Cutoff," which straightened and shortened the ATSF line between Los Angeles and Riverside (*ibid.*). During the heyday of the railroad age, the line in the APE was a component of the ATSF's celebrated "Kite-Shaped Track" between Los Angeles and the San Bernardino-Redlands-Riverside area. Between the 1890s and the 1910s, the Kite-Shaped Track was one of the most popular tourist attractions in southern California, and helped propel several towns along the route, such as Pasadena, Redlands, and Riverside, into favored winter resorts for the rich and famous (Duke 1991:8).

With the completion of the Fullerton Cutoff in 1910, the Fullerton station became a travel hub with connections to Los Angeles, San Bernardino, and San Diego (Gustafson and Serpico 1992:127). Other major stations on the ATSF along the APE include Northam (now Buena Park), La Mirada, Santa Fe Springs, Los Nietos, Rivera (now Pico Rivera), and Manhattan (now Hobart), all of which were established between 1888 and 1894 (*ibid.*:126, 130, 133). Almost all of the depots at these locations were demolished during the 1960s-1970s, leaving the 1930 Fullerton depot, now an Amtrak agency, and the 1896 Pico Rivera depot, which was moved away from the railroad in 1972, the lone survivors (*ibid.*:126-137). Although the railroad remains active today, the demise of the depots, once the pride of the communities they served, marked unmistakably the end of the golden age for the steel rails.

FIELD METHODS

The initial field survey of the APE was conducted on June 21 and June 24, 2002, by project archaeologist Daniel Ballester, who holds a B.A. degree in Anthropology from California State University, San Bernardino (1998), and has performed archaeological field research in southern California for four years. The survey covered the direct APE of the project, or all areas where construction activities and/or other ground disturbances will occur during the project. The indirect APE around each of the six proposed grade separation sites, meanwhile, was surveyed systematically for historic-era features of built environment.

The built environment survey of the indirect APE was performed by project historians/ architectural historians Bai "Tom" Tang and Teresa Woodard on July 23, 2002. Tang received his M.A. degree in American history from Yale University in 1987, underwent further post-graduate training in public history at the University of California, Riverside, and has been engaged in cultural resources management as a public historian specializing in Section 106- and CEQA-compliance studies since 1991. Woodard graduated from the University of California, Riverside, in 1997 with a B.A. degree in History and French, and is currently a third-year graduate student in Public History at the same institution. She has had various experiences in title research, city planning, and historic building survey since 1998.

During this phase of the field survey, Tang and Woodard inspected all existing buildings within or adjacent to the maximum extent of ground disturbances, and completed field recording procedures on buildings that appeared to be more than 45 years old. In order to facilitate the proper recordation and evaluation of all pre-1957 buildings in the APE, Tang and Woodard made detailed notations and preliminary photo-documentation of their structural and architectural characteristics and current conditions. Based on the field observations and the results of subsequent historical research, DPR 523 forms were prepared on each of the resources determined to be within the APE (see Attachment A).

DESCRIPTION OF CULTURAL RESOURCES

As a result of the survey, a total of 49 pre-1957 buildings were recorded within the APE at four of the six grade separation sites, including 48 single-family residences and 1 commercial/industrial building. One of the residences, located at 11005 Rivera Road in the unincorporated community of Los Nietos, is a former ranch house that was constructed around 1914, while all of the other 47 are tract homes dating to 1951-1954. The commercial/industrial building, located at 14051 Marquardt Avenue in the City of Santa Fe Springs, was also constructed in the 1950s.

The existing BNSF railroad line that runs through the APE was recorded during the survey as a historical site, and designated temporarily as CRM TECH 789-50H. Most of this line, as stated above, was built in 1885-1888 by the Riverside, Santa Ana and Los Angeles Railway Company, an ATSF subsidiary, but as a working railroad after more than 100 years of continuous operation, its current physical characteristics reflect very little of its historic origin. This site and the 49 pre-1957 buildings are discussed in further detail in the attached DPR 523 forms (Attachment A).

In addition to the 50 resources formally recorded, the survey also encountered 18 bridges that carry the BNSF line over various streets or natural waterways, as listed below:

BNSF M.P.	Bridge No.	Feature Crossed	Year Built*	Known Alteration(s)*	NRHP Status*
149.5	53C1791	Greenwood Ave.	1983		Not eligible
150.1	53C0471	Rio Hondo	1941	1966/2001-2002	Not eligible
150.4	53C0192	Paramount Blvd.	1958		Not eligible
150.9	53-0232/53-0232W	Rosemead Blvd. (SR 19)	1937	1971-1972	Not eligible
151.9	53C0719	San Gabriel River	1946-1947	1965-1966	Not eligible

154.0	53C1699	Santa Fe Springs Rd.	1979		Not eligible
154.4	53C1700	Telegraph Rd.	1977-1979		Not eligible
154.9	Not found	Florance Ave.	1980		N/A
156.1	53C0857	Imperial Hwy.	1976-1977		Not eligible
157.2	53C1864	Carmenita Rd.	1983		Not evaluated
157.5	Not found	La Canada Verde Cr.	1967		N/A
158.9	Not found	La Mirada Cr.	1996		N/A
160.4	55C0198	Coyote Cr.	1950		Not eligible
160.6	55-0632/55-0632W	Beach Blvd. (SR 39)	1984		Not eligible
160.9	55C0197	Brea Cr.	1950	1985, 1999	Not eligible
161.3	Not found	Dale St.	1996		N/A
162.4	55C0263	Gilbert Ave.	1983		Not eligible
163.1	55C0310	Commonwealth Ave.	1961		Not eligible

* Source: California Historic Bridge Inventory; Hostler and Wollerton 2002.

As the foregoing list indicates, 13 of the 18 bridges are currently listed in the California Historic Bridge Inventory as not being eligible for the National Register of Historic Places (see HRCR App. 3). The five bridges that were not previously evaluated for historical significance were constructed during the last 35 years, and are not considered to be potentially historic. Therefore, none of these bridges was formally recorded during this survey.

Also located within the APE at the Los Nietos Road/Norwalk Boulevard grade separation site is a commemorative plaque installed by the City of Santa Fe Springs, which marks the approximate location of the historic Los Nietos School. The plaque, dedicated in 1998, stand on the northeastern corner of Los Nietos Road and Norwalk Boulevard, in a heavily disturbed area that was developed into an industrial park in 1988-1989. No historical /archaeological features were observed in the vicinity of the plaque.

RESOURCE SIGNIFICANCE

In summary of the findings presented above, the construction of ATSF in the 1880s, the establishment of horticulture as the leading "industry" in the late 19th and early 20th centuries, and the post-WWII urban expansion provided the most notable driving forces in the growth of the communities along the project route, and constitute the main themes in the history of the APE. The completion of the ATSF system, the second transcontinental railroad to reach California, brought an end to the Southern Pacific Railway's transportation monopoly and directly spurred the great land boom of the 1880s, to which the roots of numerous southern California's cities and towns can be traced. A horticulture-based economy, especially the citrus industry, eventually turned the relatively brief boom into sustained growth. The post-WWII suburbanization of former rural areas around Los Angeles fundamentally altered the cultural—as well as physical—landscape of the region, and transformed it into the bustling metropolitan center it is today.

All three of the themes in the APE's history, therefore, are in themselves important historical events of statewide or at least regional significance. It is within these contexts that the 69 built environment cultural resources noted within the APE were evaluated for historical significance, and the results of the evaluation are summarized below.

SITE CRM TECH 789-1H TO -49H (PRE-1957 BUILDINGS)

Among the 49 historic-era buildings in the APE, the oldest residence, at 11005 Rivera Road in Los Nietos, is related to the period in regional history when agriculture, in particular horticulture, was the foundation of the local economy, while the other 47 residences are products of the post-WWII suburban boom. None of the 49 buildings, however, demonstrates an association with these themes or events that is particularly important. In other words, there is no evidence that these buildings are more closely associated with the themes or events than the numerous other buildings from similar periods.

Despite extensive research, no persons of recognized significance in national, state, or local history have been identified in association with any of the 49 buildings. Nor does any of the buildings possess a special architectural, aesthetic, or artistic merit that meets the requirement of the California Register criteria. Therefore, none of the 49 buildings recorded during this survey appears to be eligible for listing in the California Register, and thus none of them appears to qualify as a "historical resource," as defined by CEQA.

SITE CRM TECH 789-50H (FORMER ATSF RAILROAD)

The railroad line recorded as CRM TECH 789-50H, originally constructed in 1885-1888, is closely associated with an important event in the history of the APE and the State of California, namely the coming of a second transcontinental railroad. As stated above, it marked the beginning of the end of the Southern Pacific Railway Company's transportation monopoly, and contributed directly to the southern California land boom of the 1880s. However, the existing railroad line and its associated features that constitute CRM TECH 789-50H, as working components of the modern transportation infrastructure, do not retain sufficient historic integrity to relate to the site's period of significance. Therefore, the site does not appear eligible for listing in the California Register, and does not appear to qualify as a "historical resource."

RAILROAD BRIDGES

As mentioned above, 13 of the 18 bridges noted within the APE have been previously evaluated as ineligible for listing in the National Register of Historic Places, the criteria for which is essentially identical to those for the California Register. The five oldest among them, constructed between 1937 and 1950, have become 50 years old since the previous evaluation in 1984-1986, but being of standard construction in each case, none of them demonstrates any special historical, architectural, or other qualities to warrant a formal re-evaluation. Furthermore, at least four of the five have been widened, extended, or otherwise altered since the 1960s. Five of the 18 bridges have not been previously evaluated for historical significance, but none of these five predates 1967. Therefore, none of the 18 bridges appears to be eligible for listing in the California Register, and none of them appears to qualify as a "historical resource."

COMMEMORATIVE PLAQUE FOR LOS NIETOS SCHOOL SITE

This plaque was dedicated in recent years to commemorate a chapter in the history of the City of Santa Fe Springs. Being a commemorative property, it is not directly associated with that chapter of history, but rather serves "as evidence of a later generation's

assessment of the past (NPS 1991:39). As such, it is not considered a potential "historical resource."

STUDY FINDINGS AND CONCLUSIONS

In conclusion, a total of 69 built environment cultural resources were encountered within or adjacent to the APE, but none of them appears to qualify as a "historical resource." These 69 resources are listed below:

- **Historical Resources Listed in the California Register**

  No such properties are present within the APE.

- **Historical Resources Previously Determined Eligible for the California Register**

  No such properties are present within the APE.

- **Historical Resources Potentially Eligible for the California Register**

  No such properties are present within the APE.

- **Properties That Appear Potentially Eligible for the California Register but Require Further Study**

  No such properties are present within the APE.

- **Properties Previously Determined Ineligible for the California Register**

Name	Address/Location	Community	Map Ref. No.
Greenwood Ave. Bridge	BNSF M.P. 149.5	Montebello	1
Rio Hondo Bridge	BNSF M.P. 150.1	Pico Rivera	2
Paramount Blvd. Bridge	BNSF M.P. 150.4	Pico Rivera	3
Rosemead Blvd. Bridge	BNSF M.P. 150.9	Pico Rivera	4
San Gabriel River Bridge	BNSF M.P. 151.9	Pico Rivera	5
Santa Fe Springs Rd. Bridge	BNSF M.P. 154.0	Santa Fe Springs	6
Telegraph Rd. Bridge	BNSF M.P. 154.4	Santa Fe Springs	7
Imperial Hwy. Bridge	BNSF M.P. 156.1	Santa Fe Springs/Norwalk	9
Coyote Cr. Bridge	BNSF M.P. 160.4	Buena Park	13
Beach Blvd. Bridge	BNSF M.P. 160.6	Buena Park	14
Brea Cr. Bridge	BNSF M.P. 160.9	Buena Park	15
Gilbert Ave. Bridge	BNSF M.P. 162.4	Fullerton	17
Commonwealth Ave. Bridge	BNSF M.P. 163.1	Fullerton	18

- **Properties That Appear Ineligible for the California Register**

Name	Address/Location	Community	Map Ref. No.
Florance Ave. Bridge	BNSF M.P. 154.9	Santa Fe Springs	8
Carmenita Rd. Bridge	BNSF M.P. 157.2	Santa Fe Springs	10
La Canada Verde Cr. Bridge	BNSF M.P. 157.5	Santa Fe Springs	11
La Mirada Cr. Bridge	BNSF M.P. 158.9	La Mirada	12

Dale St. Bridge	BNSF M.P. 161.3	Buena Park	16
None (residence)	7568 Lemoran Ave.	Pico Rivera	19
None (residence)	7574 Lemoran Ave.	Pico Rivera	20
None (residence)	7578 Lemoran Ave.	Pico Rivera	21
None (residence)	7581 Lemoran Ave.	Pico Rivera	22
None (residence)	7584 Lemoran Ave.	Pico Rivera	23
None (residence)	7619 Passons Blvd.	Pico Rivera	24
None (residence)	7625 Passons Blvd.	Pico Rivera	25
None (residence)	7631 Passons Blvd.	Pico Rivera	26
None (residence)	7635 Passons Blvd.	Pico Rivera	27
None (residence)	7641 Passons Blvd.	Pico Rivera	28
None (residence)	8625 Danby Rd.	L.A. County	29
None (residence)	8629 Danby Rd.	L.A. County	30
None (residence)	8633 Danby Rd.	L.A. County	31
None (residence)	8516 Pioneer Blvd.	L.A. County	32
None (residence)	8523 Pioneer Blvd.	L.A. County	33
None (residence)	8529 Pioneer Blvd.	L.A. County	34
None (residence)	8533 Pioneer Blvd.	L.A. County	35
None (residence)	8603 Pioneer Blvd.	L.A. County	36
None (residence)	8609 Pioneer Blvd.	L.A. County	37
None (residence)	8615 Pioneer Blvd.	L.A. County	38
None (residence)	8619 Pioneer Blvd.	L.A. County	39
None (residence)	8625 Pioneer Blvd.	L.A. County	40
None (residence)	11005 Rivera Rd.	L.A. County	41
None (residence)	11021 Rivera Rd.	L.A. County	42
None (residence)	11117 Rivera Rd.	L.A. County	43
None (residence)	11131 Rivera Rd.	L.A. County	44
None (residence)	10702 Wheelock Cir.	L.A. County	45
None (residence)	10703 Wheelock Cir.	L.A. County	46
None (residence)	10706 Wheelock Cir.	L.A. County	47
None (residence)	10710 Wheelock Cir.	L.A. County	48
None (residence)	10714 Wheelock Cir.	L.A. County	49
None (commercial bldg.)	14051 Marquardt Ave.	Santa Fe Springs	50
None (residence)	14508 Valley View Rd.	La Mirada	51
None (residence)	14514 Valley View Rd.	La Mirada	52
None (residence)	14520 Valley View Rd.	La Mirada	53
None (residence)	14528 Valley View Rd.	La Mirada	54
None (residence)	14602 Valley View Rd.	La Mirada	55
None (residence)	14610 Valley View Rd.	La Mirada	56
None (residence)	14618 Valley View Rd.	La Mirada	57
None (residence)	14624 Valley View Rd.	La Mirada	58
None (residence)	14632 Valley View Rd.	La Mirada	59
None (residence)	14638 Valley View Rd.	La Mirada	60
None (residence)	14644 Valley View Rd.	La Mirada	61
None (residence)	14652 Valley View Rd.	La Mirada	62
None (residence)	14324 San Ardo Dr.	La Mirada	63
None (residence)	14330 San Ardo Dr.	La Mirada	64
None (residence)	14336 San Ardo Dr.	La Mirada	65
None (residence)	14342 San Ardo Dr.	La Mirada	66
None (residence)	14348 San Ardo Dr.	La Mirada	67
Los Nietos School plaque	Los Nietos Rd. /Norwalk Blvd.	Santa Fe Springs	68
BNSF Railroad	(Through entire APE)	N/A	None

Also noted in the APE were 55 other buildings or groups of buildings that postdate 1957. Pursuant to Caltrans Interim Policy for the Treatment of Buildings Constructed in 1957 or Later, these buildings are not considered potential historical resources, and do not require further study.

Based on the findings presented above, this report concludes that no "historical resources," as defined by CEQA, are known to exist within or adjacent to the APE, and thus the proposed project will have *no impact* on any known "historical resources."

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ATTACHMENT A

ARCHITECTURAL INVENTORY/EVALUATION (DPR) FORMS

CRM TECH 789-1H to -50H

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-1H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7568 Lemoran Avenue City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398820 mE/ 3759240 mN
UTM Derivation: √ USGS Quad____GPS

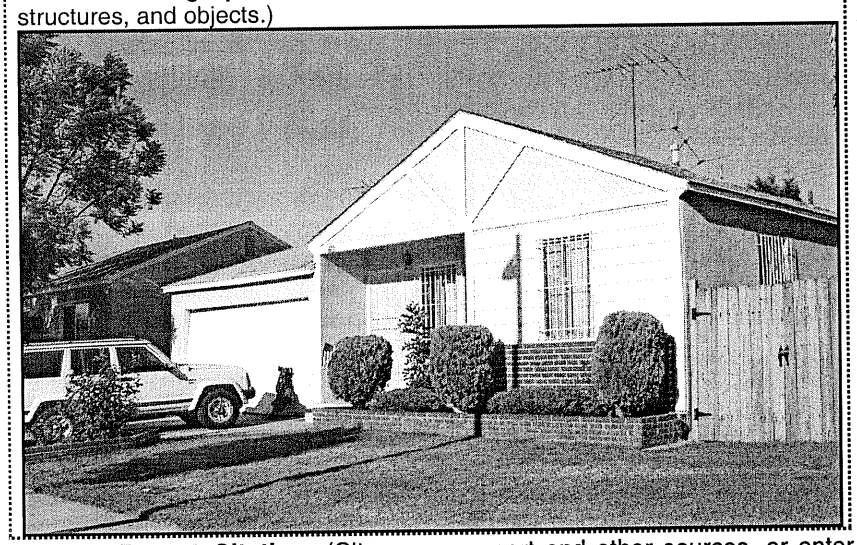
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-016

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-family residence is a one-story, rectangular wood-frame house with several different façade materials. Most of the house is covered in stucco, while the southern half of the façade is clad with horizontal boards with a three-foot brick veneer at the bottom. The house has a medium-pitched gable-on-hip roof, covered with composition shingles. A half-timbered effect is created at the peak of the front-facing gable with wood beams peering out through the stucco. The main entrance is set in an off-centered, recessed porch. The attached garage faces the street. Fenestration consists primarily of rectangular, aluminum-framed, sliding windows.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
__√__ Historic ____Prehistoric ____Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Christina Archuleta et al., 7568 Lemoran Avenue, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-1H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) According to City of Pico Rivera records, this house was constructed in 1950 as part of a tract home development by the Claremont Company. Robert Sonnenburg, the first owner-occupant of the house, acquired the property from the developer around 1951.

*B7. Moved? √ No ____ Yes ____ Unknown Date: Original Location:

*B8. Related Features: None

B9a. Architect: Herman Light

b. Builder: Halper Construction

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)

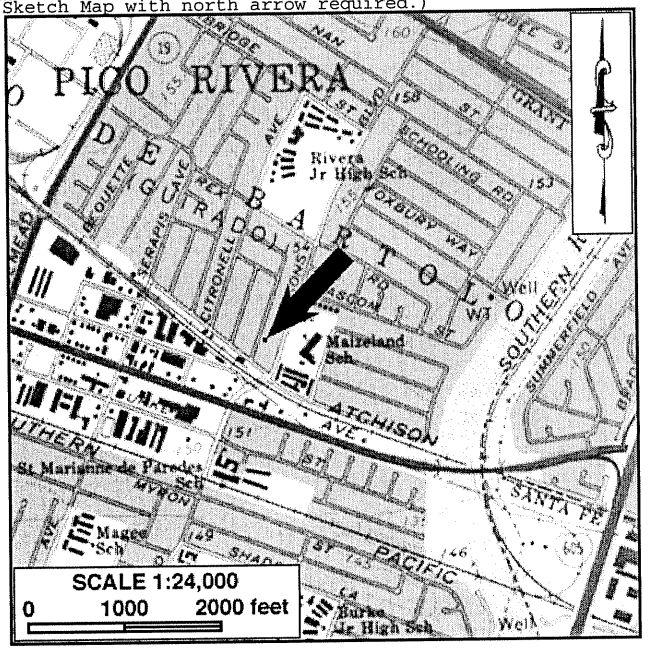
*B12. References: Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-2H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7574 Lemoran Avenue City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398810 mE/ 3759220 mN

UTM Derivation: √ USGS Quad ____ GPS

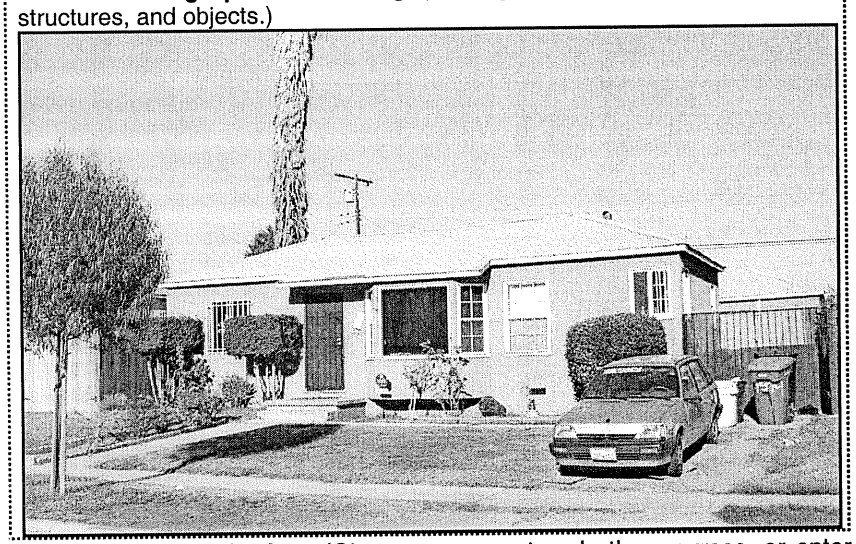
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-017

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence has a rectangular ground plan and is of wood-frame construction. It is surmounted by a low-pitched hip roof, covered with composition shingles, with a small extension over the shallow entry porch and a bay window. This large bay window is composed of a single fixed sash in the center, flanked by two vinyl-framed, multi-paned double-hung windows. The house has a detached garage in the rear. There seems to be minimal alterations to the exterior of the house, with only the replacements of windows and the addition of a security door and window bars apparent.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Juan & Mary Larios, 7574 Lemoran Avenue, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-2H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed along with others in this housing tract, which was developed in 1950 by the Claremont Company. In 1951, Kenneth and Virginia Whitely purchased the house from the company. A half bath was added to the house in 1967, and in 1995 a 17-foot by 15-foot patio cover was installed.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: Herman Light b. Builder: Halper Construction

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

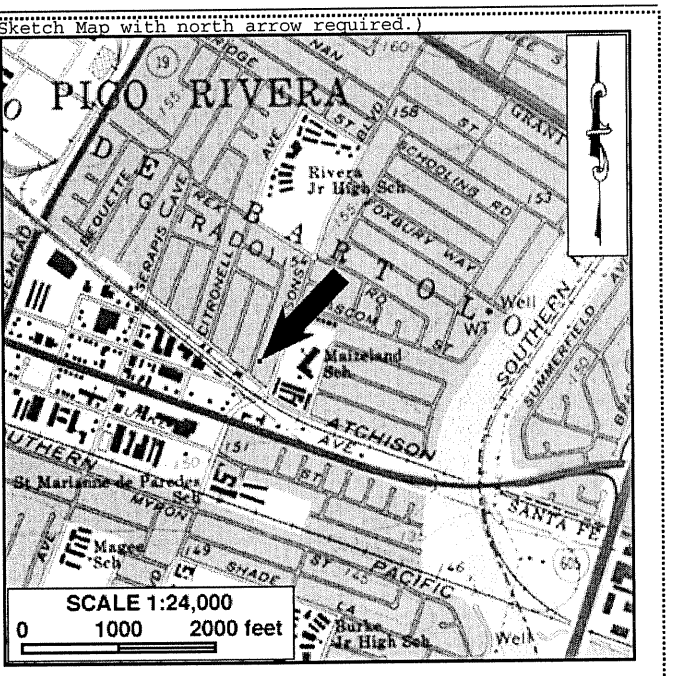
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-3H

P1. Other Identifier:

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7578 Lemoran Avenue City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398800 mE/ 3759180 mN
UTM Derivation: __√__USGS Quad ____GPS

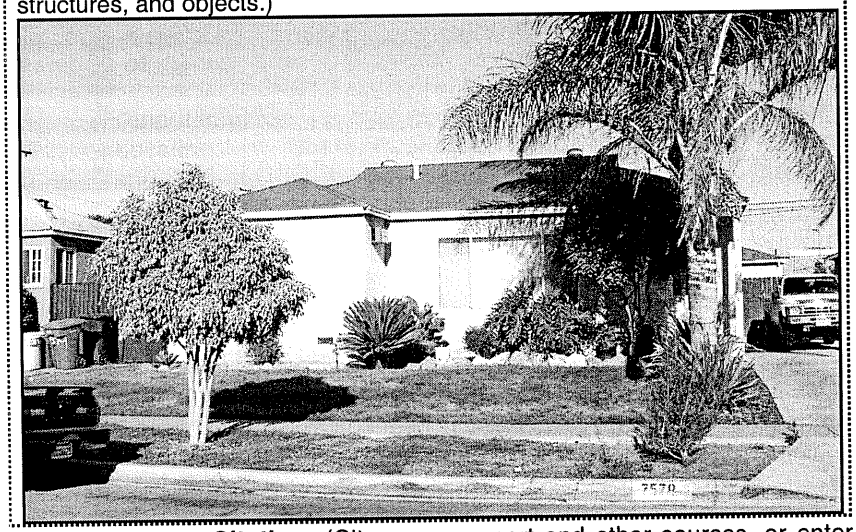
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-018

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This L-shaped, one-story single-family residence is characterized by its gable-on-hip roof with a hip-roofed front-facing wing. The entire roof is covered with composition shingles. The house is clad in stucco and features aluminum-framed sliding windows that are not original. The small, off-centered entry porch is situated under the main roof and is supported by a single wood post. The house has a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the east

*P6. Date Constructed/Age and Sources:
__√__Historic ____Prehistoric ____Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Candelaria R. Galvan, 7578 Lemoran Avenue, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet __√__Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-3H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed along with others in this housing tract, which was developed in 1950 by the Claremont Company. In 1951, John Ruscich purchased the house from the developer. A half bath was added to the house in 1984.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: Herman Light

b. Builder: Halper Construction

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

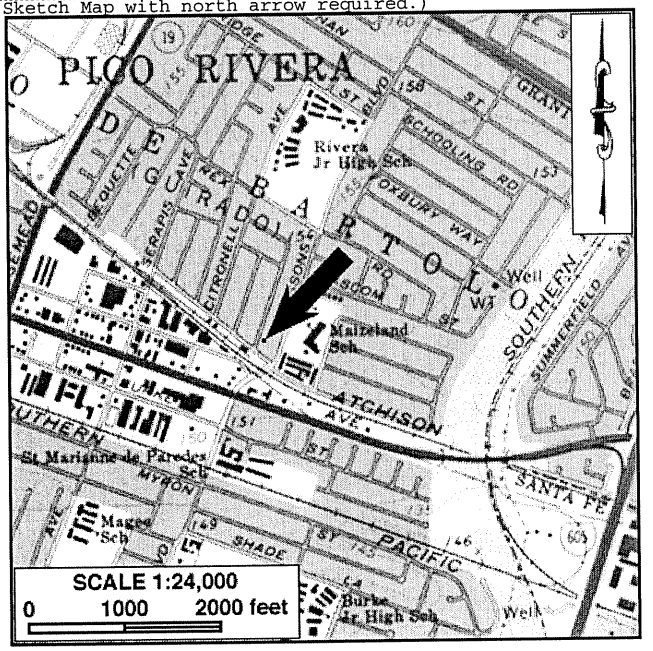
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-4H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7581 Lemoran Avenue City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398770 mE/ 3759200 mN

UTM Derivation: √ USGS Quad ____ GPS

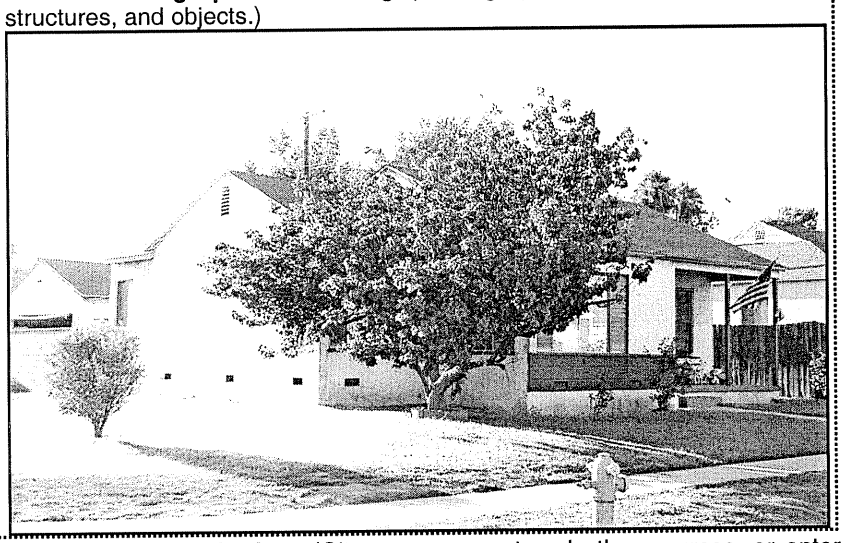
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-029-016

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family house is of wood-frame construction. Built on a rectangular plan, the house has a side-gabled roof, covered with composition shingles. The façade is clad in stucco with a horizontal board veneer at the center-bottom. The house features a small recessed porch supported by two square wood posts. The fenestration on the house consists of aluminum-framed sliding windows. There is a detached garage in the rear of the house.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
__√__ Historic ____Prehistoric ____Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Carlos A. & Gloria Contreras, 7581 Lemoran Avenue, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-4H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed along with others on Tract No. 16366, which was developed in 1950 by the Claremont Company. In 1951, Robert Ammerman purchased the house from the developer. A screened patio cover was added to the house in 1980.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** None

B9a. Architect: Herman Light

b. Builder: Halper Construction

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)_____

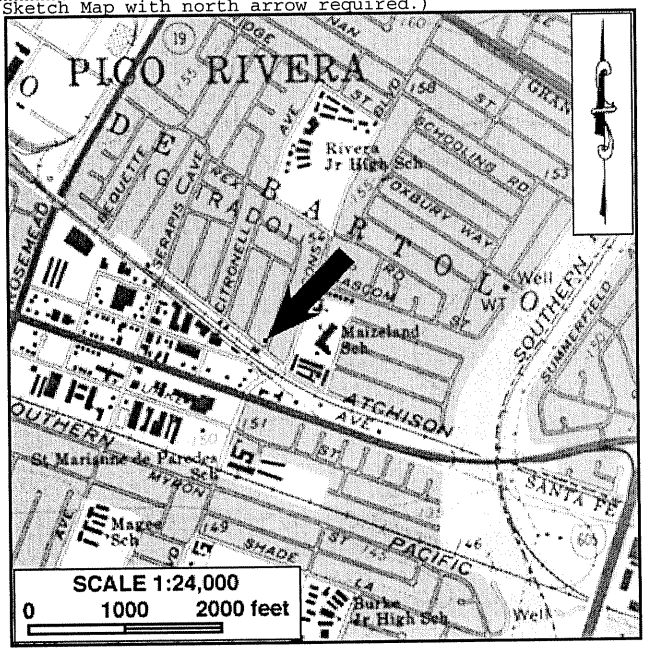
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:_____

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-5H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7584 Lemoran Avenue City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398770 mE/ 3759160 mN

UTM Derivation: √ USGS Quad ____ GPS

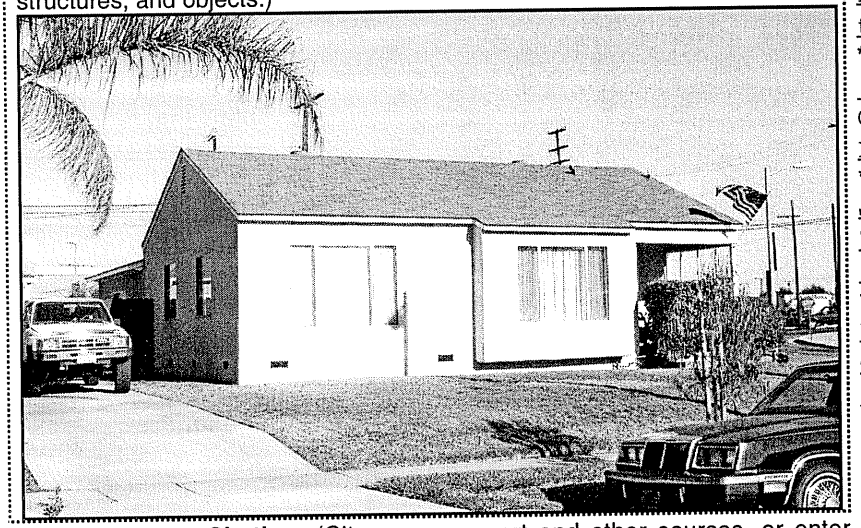
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-019

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-family residence features an L-shaped ground plan and a cross-gabled roof that is covered with composition shingles. The asymmetrical façade, clad in stucco, holds a large rectangular bay with a single aluminum-framed sliding window under a small roof extension. The recessed entry porch is located at the southwestern corner of the house, is supported by square wood posts that are arranged in a box pattern. There is a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the east

*P6. Date Constructed/Age and Sources:

√ Historic ____Prehistoric ____Both

Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:

Joseph J. Jr. & Ester P. Almeida, 7584 Lemoran Avenue, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

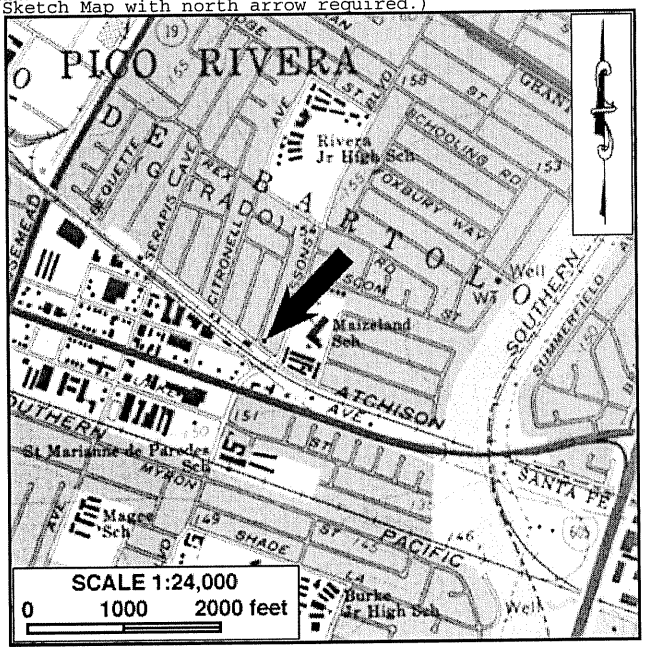
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-5H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential B4. Present Use: Residential
*B5. Architectural Style: Mininal Traditional
*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently constructed together with others in this tract home development, which was built in 1950 by the Claremont Company. In 1951, William Barnett purchased the house from the developer. In 1975, a family room, bedroom and bathroom were added to the existing house.
*B7. Moved? √ No ____ Yes ____ Unknown Date:_____ Original Location:_____
*B8. Related Features: Detached garage
B9a. Architect: Herman Light b. Builder: Halper Construction
*B10. Significance: Theme N/A Area N/A
Period of Significance N/A Property Type N/A Applicable Criteria N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building
*B12. References: Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records
B13. Remarks:
*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard
*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-6H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7619 Passons Boulevard City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398870 mE/ 3759220 mN

UTM Derivation: √ USGS Quad ____GPS

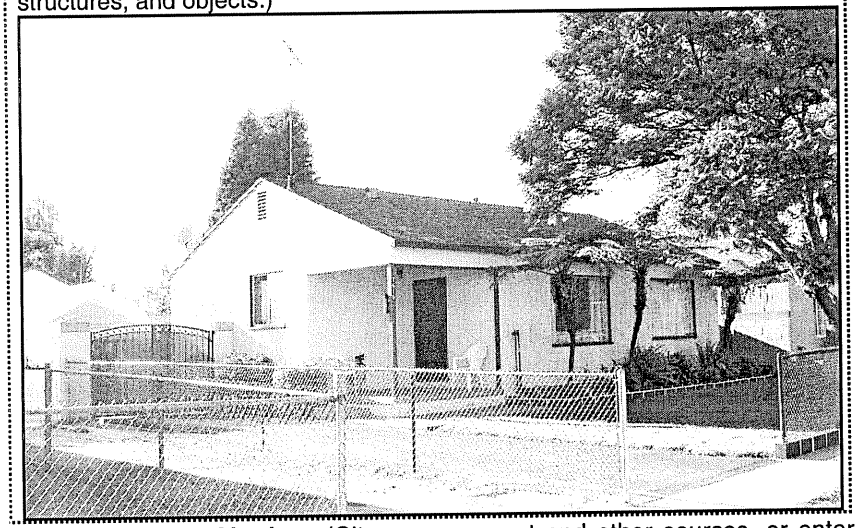
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-024

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and features a rectangular ground plan. The medium-pitched side-gabled roof is sheathed in composition shingles. The house is clad in stucco and the majority of the windows are wood-framed with fixed sashes, with a few aluminum-framed sliding windows visible from the side. The off-centered, recessed entry porch is supported by one square wooden post. The house has a detached garage and chain-link fencing.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:

√ Historic ____Prehistoric ____Both

Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:

Patricio & Natalia Soto, 7619 Passons Boulevard, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

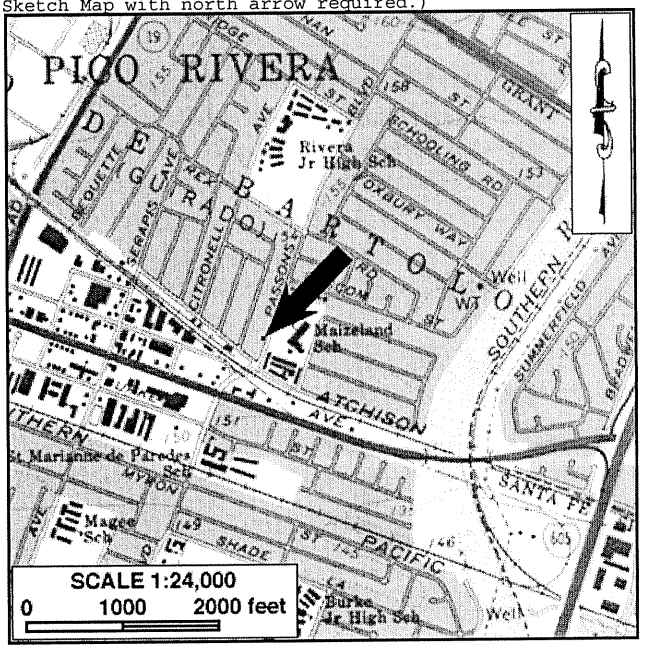
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-6H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential B4. Present Use: Residential
*B5. **Architectural Style:** Mininal Traditional
*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed together with others in this tract home development, which was built in 1950 by the Claremont Company. In 1951, Geoff Weiss purchased the house from the developer.
*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** Detached garage, chain-link fence
B9a. Architect: Herman Light b. Builder: Halper Construction
*B10. **Significance: Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records
B13. Remarks:
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-7H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7625 Passons Boulevard City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398860 mE/ 3759200 mN

UTM Derivation: __√__ USGS Quad ____ GPS

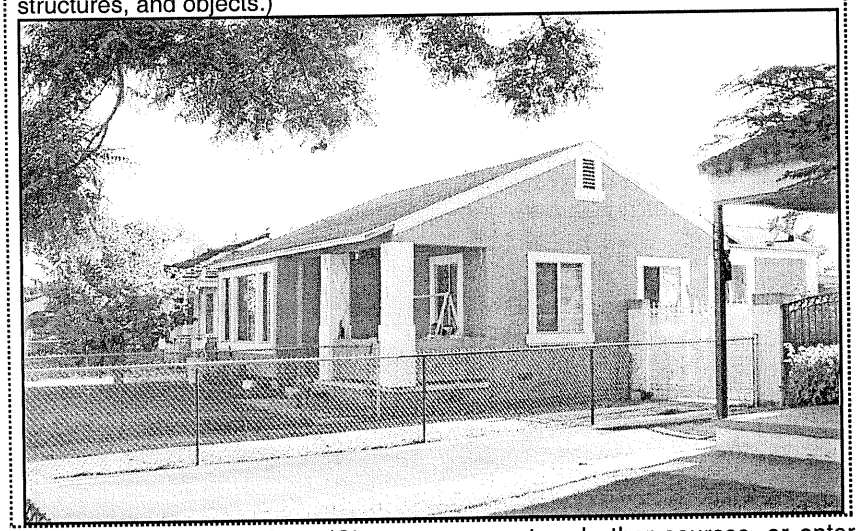
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-023

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-family residence has an irregular ground plan and an asymmetrical façade. The wood-frame, single-story house features a medium-pitched cross-gabled roof, covered with composition shingles. The exterior is covered in stucco with broad stucco trim around the aluminum-framed sliding windows. The off-centered, recessed porch is supported by thick, stuccoed square posts with double-diamond design on all sides, echoing another post on the southeastern corner of the house. Exterior remodeling has significantly altered the appearance of the house.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southwest

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Victor & Trinidad Godoy, 7625 Passons Boulevard, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-7H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed along with others in this tract home development, which was built in 1950 by the Claremont Company. In 1951, Joeseph Adlesich purchased the house from the developer.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage, fence

B9a. Architect: Herman Light

b. Builder: Halper Construction

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

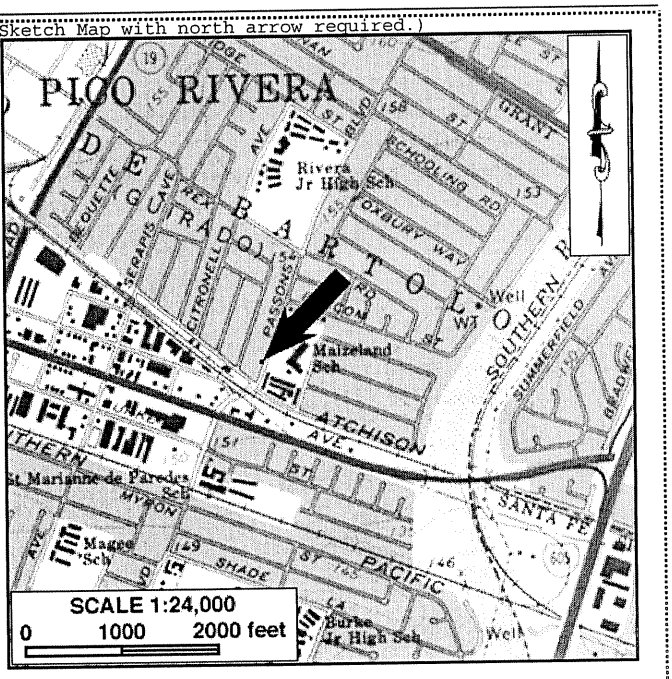
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-8H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7631 Passons Boulevard City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398850 mE/ 3759180 mN
UTM Derivation: √ USGS Quad ____ GPS

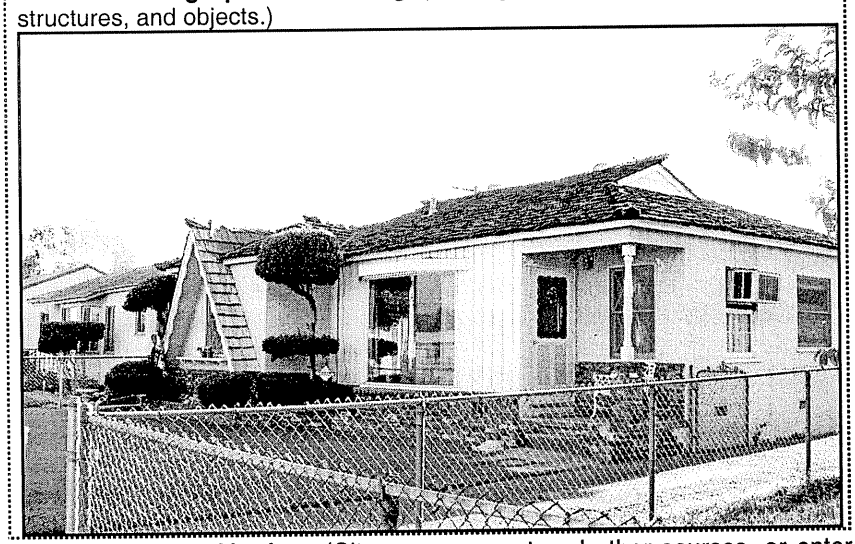
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-022

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence features a medium-pitched gable-on-hip roof with a hip-roofed front-facing wing, all clad in wood shingles. This wing is characterized by a steep-pitched gable set into the hip roof, with decorative verge boards that allude to a Swiss Chalet influence. The asymmetrical façade is clad in stucco and vertical board-and-batten, with a three-foot brick veneer with stones interspersed throughout. At the center of the façade is a large bay window with a plate-glass panel. The remainder of the front fenestration consists of wood-framed, cross-paned double-hung windows. The recessed porch is located at the northeastern corner and is supported by a brick and stone pier, which echoes the veneer, and a turned wood post. There is a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southwest

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Gustavo E. & Patricia L. Guerra, 7631 Passons Boulevard, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-8H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional with Swiis Chalet Influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed along with others as part of a tract home development, which was built in 1950 by the Claremont Company. In 1951, Arthur and June Gieger purchased the house from the developer. The current appearance of the house is clearly the result of later alterations which were not documented in available archival sources.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage, fence

B9a. Architect: Herman Light b. Builder: Halper Construction

*B10. **Significance: Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

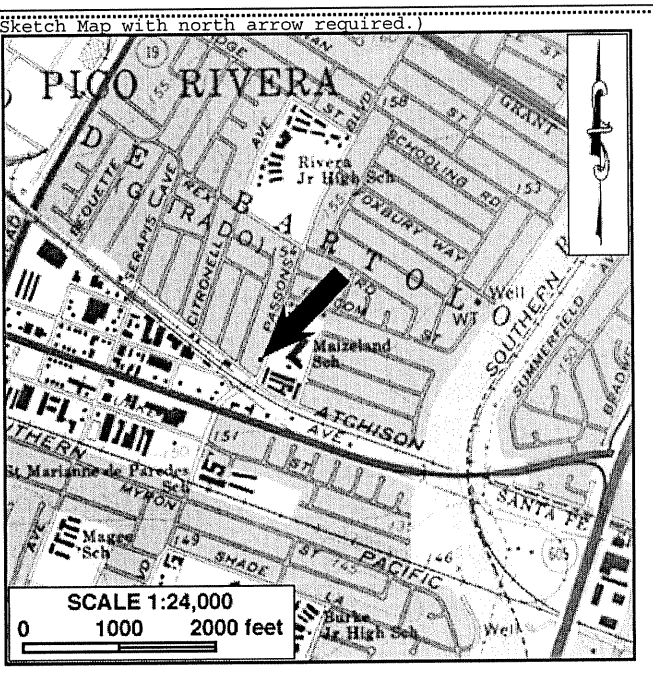
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-9H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7635 Passons Boulevard City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398840 mE/ 3759160 mN

UTM Derivation: √ USGS Quad ____GPS

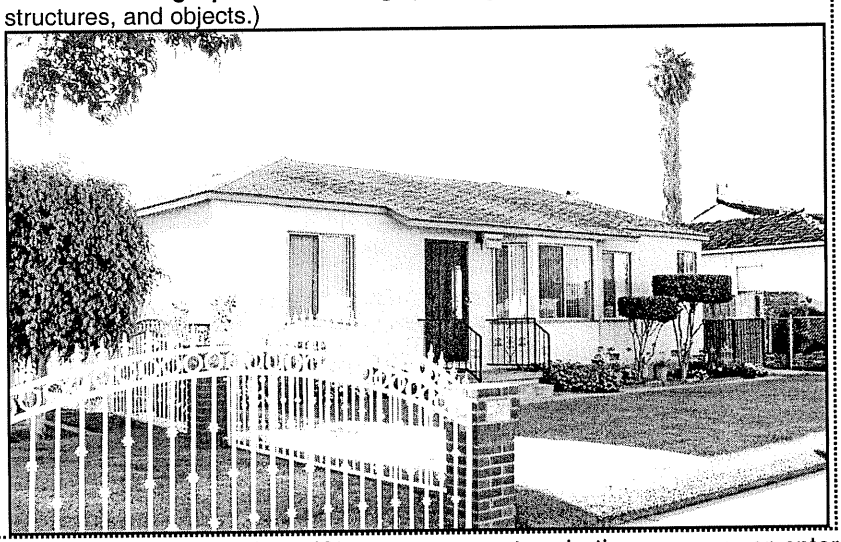
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-021

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A one-story single-family residence of wood-frame construction, this house features a rectangular ground plan and a low-pitched hip roof covered with composition shingles. The exterior walls are clad in stucco and feature aluminum-framed sliding windows. An entry porch sits just off-center, under a small extension of the main roof, and has two wrought iron rails on either side of the concrete porch steps. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Arthur G. Gutierrez Trust, 7635 Passons Boulevard, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-9H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to City of Pico Rivera records, this house was constructed in 1950 as part of a tract home development by the Claremont Company. Around 1951, the house was acquired by Geoff Gray from the developer.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: Herman Light

b. Builder: Halper Construction

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

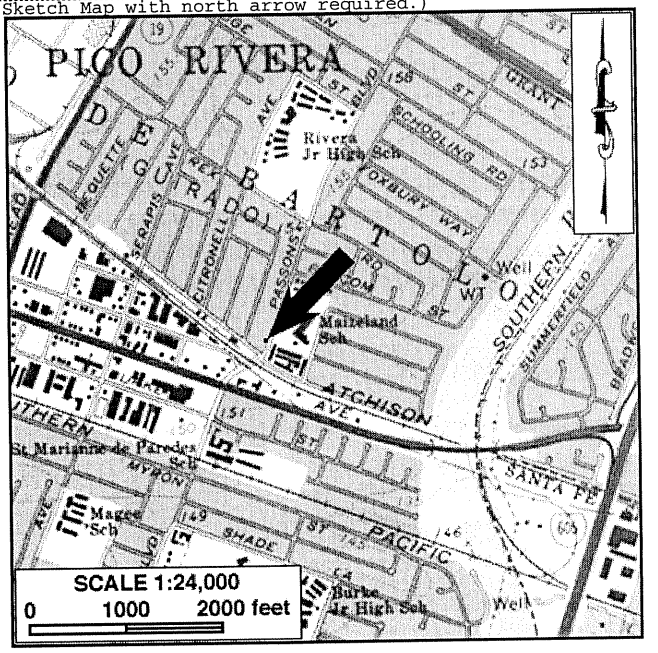
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-10H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Paso de Bartolo (Guirado) land grant

c. Address 7641 Passons Boulevard City Pico Rivera Zip 90660

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 398820 mE/ 3759140 mN

UTM Derivation: √ USGS Quad ____GPS

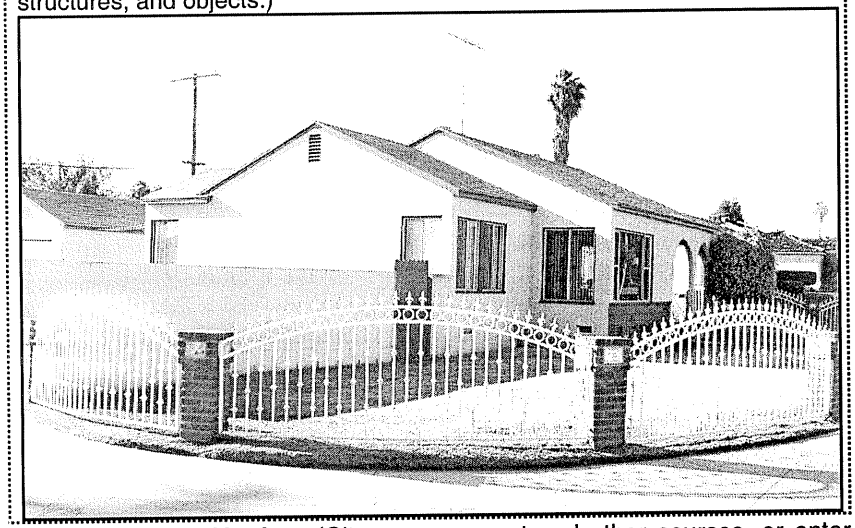
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 6381-030-020

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-family residence of wood-frame construction is situated on a corner lot. The one-story house has an L-shape ground plan and an asymmetrical façade. The medium-pitched cross-gabled roof is clad in composition shingles. The majority of the exterior walls are covered in stucco with a small area of horizontal clapboards at the bottom of the façade. Fenestration consists of aluminum-framed sliding windows. The entry porch is located at the northeastern corner, supported by two stuccoed arches facing the front and one facing the side. The house is accompanied by a detached garage and a wrought iron fence with brick pillars.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
__√__Historic ____Prehistoric ____Both
Construction Date: 1950 (see Items B6 and B12 for details)

*P7. Owner and Address:
Gladys Ochoa et al., 7641 Passons Boulevard, Pico Rivera, CA 90660

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-10H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently constructed along with others as part of a tract home development, which was built in 1950 by the Claremont Company. In 1951, Aubrey Henry purchased the house from the developer.

*B7. Moved? √ No ____ Yes ____ Unknown Date: Original Location:

*B8. Related Features: Detached garage, fence

B9a. Architect: Herman Light

b. Builder: Halper Construction

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

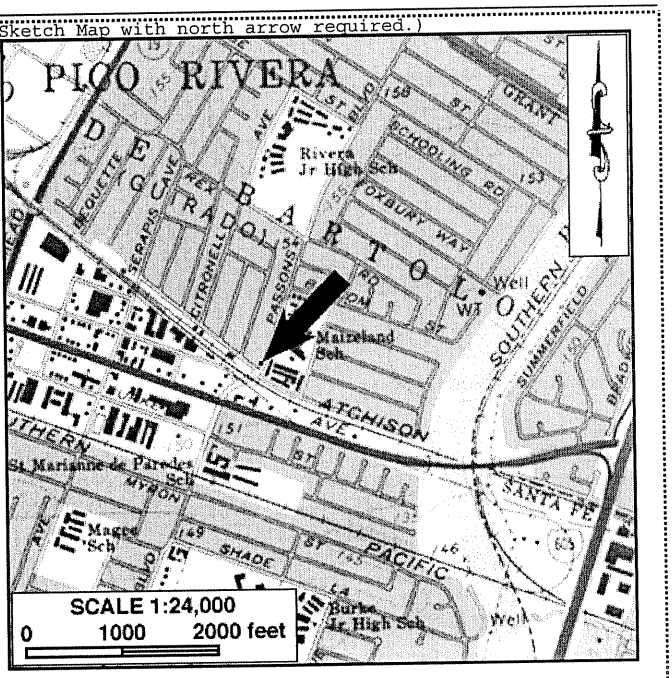
*B12. References: Los Angeles County Assessor's real property assessment records; City of Pico Rivera building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-11H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R11W; ___1/4 of___1/4 of Sec___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8625 Danby Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400150 mE/ 3758650 mN

UTM Derivation: √ USGS Quad____GPS

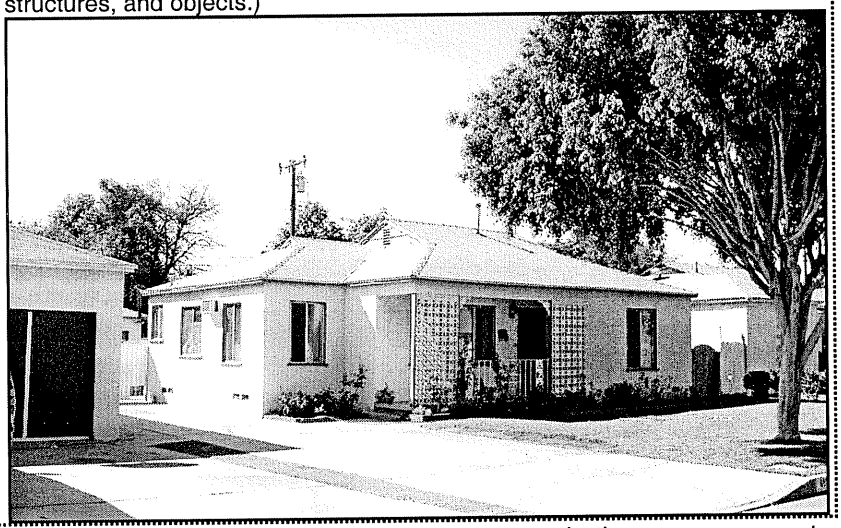
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-019

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) Featuring an L-shape ground plan, this wood-framed single-story house has an asymmetrical façade. The medium-pitched gable-on-hip roof is covered with composition shingles. The exterior walls are clad in stucco with horizontal clapboards at the peaks of the gables. All visible windows are aluminum-framed. The recessed entry porch is centered and is supported by thin wood posts with ornamental concrete blocks. The house has a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1949 (see Items B6 and B12 for details)

*P7. Owner and Address:
Juan & Maria Valadez, 8625 Danby Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-11H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently built in 1949 by Sentinel Corporation, along with others in the tract home development. It was purchased in 1950 by Ernest and Grace Schmidt from the Gibert Investment Company.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: Unknown

b. Builder: Unknown

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

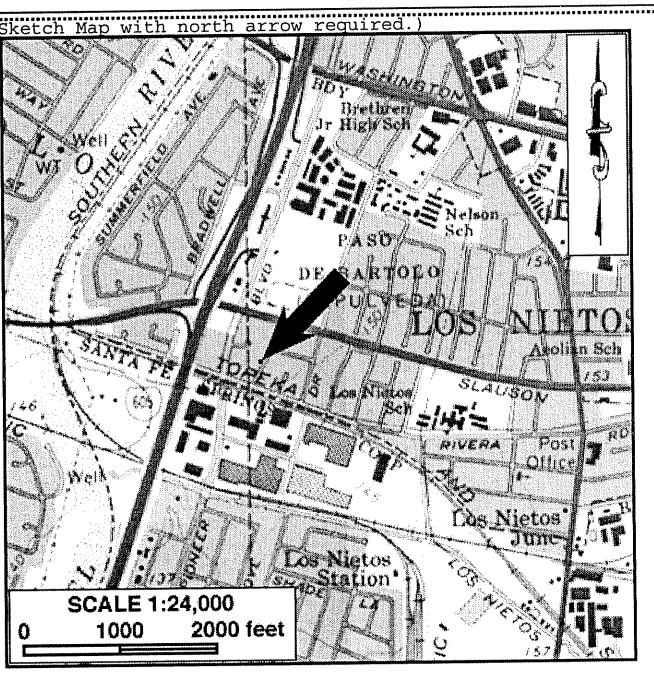
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-12H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R11W; ___1/4 of___1/4 of Sec___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8629 Danby Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400140 mE/ 3758630 mN

UTM Derivation: √ USGS Quad____GPS

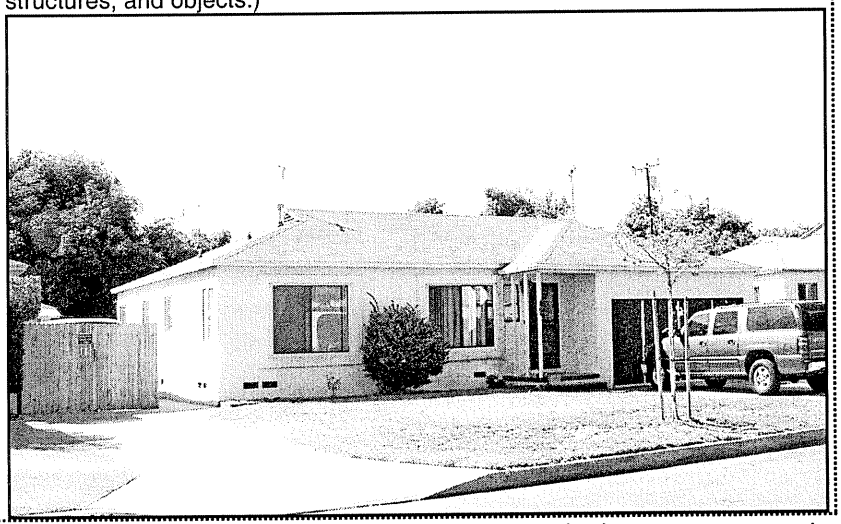
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-020

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has a slight L-shaped ground plan. The medium-pitched gable-on-hip roof has a cross hip over the attached garage and is covered with composition shingles. The asymmetrical façade features a stuccoed exterior and aluminum-framed sliding windows with wide stucco trim. An off-centered porch is supported by three thin wood posts.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building_____Structure_____Object_____Site_____District_____Element of District____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
__√__Historic ____Prehistoric ____Both
Construction Date: 1949 (see Items B6 and B12 for details)

*P7. Owner and Address:
James T. & Peggy L. Prickett, 8629 Danby Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-12H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently built in 1949 by Sentinel Corporation, along with others in the tract home development. It was purchased in 1951 by Wallace and Virginia Roberts from Gibert Investment Company.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** None

B9a. Architect: Unknown b. Builder: Unknown

*B10. **Significance: Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)_____

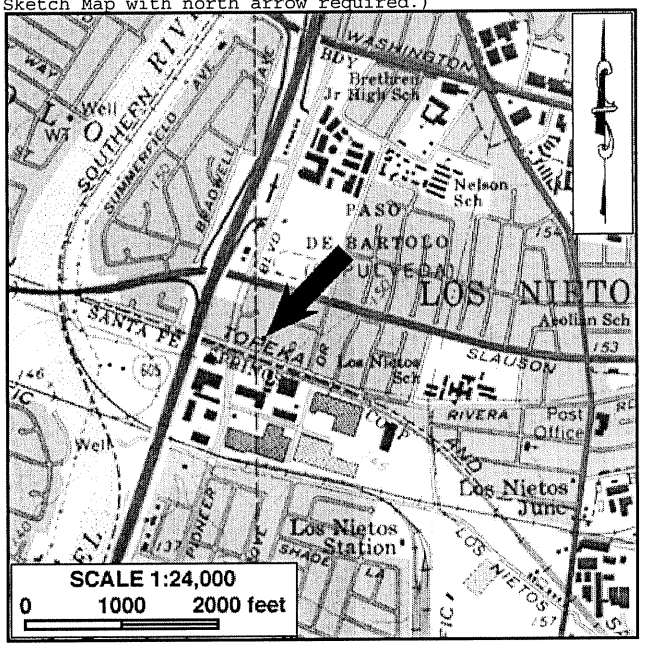
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:_____

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-13H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R11W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8633 Danby Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400130 mE/ 3758620 mN

UTM Derivation: √ USGS Quad ____GPS

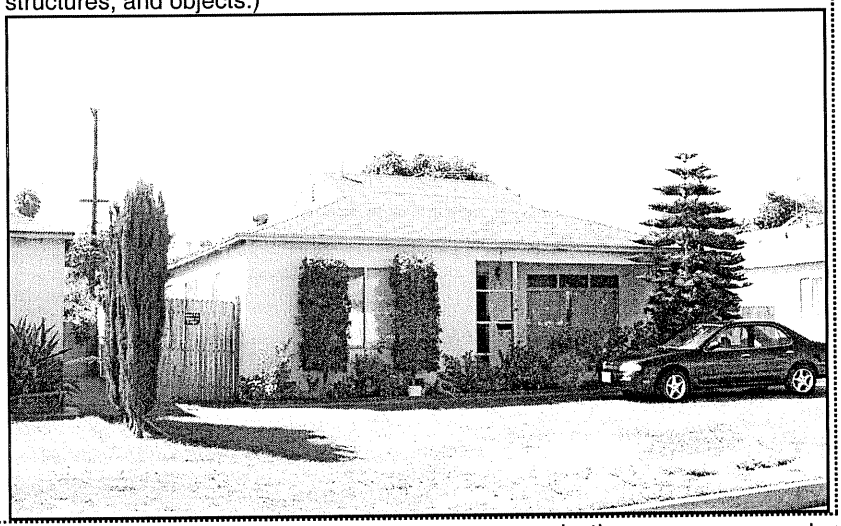
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-021

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A one-story single-family residence, this house is of wood-frame construction and features an L-shaped ground plan. The gable-on-hip roof is medium-pitched and is covered with composition shingles. The stuccoed exterior features aluminum-framed sliding windows and a recessed, off-center porch, which is supported by a square wood post. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1949 (see Items B6 and B12 for details)

*P7. Owner and Address:
Saul & Teresa C. Gonzalez, 8633 Danby Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-13H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently built in 1949 by Sentinel Corporation, along with others in the tract home development. It was purchased in 1951 by Ernest and Monico Martinez from Gibert Investment Company.

*B7. Moved? √ No ____Yes ____Unknown Date:_____ Original Location:_____

*B8. Related Features: Detached garage

B9a. Architect: Unknown b. Builder: Unknown

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

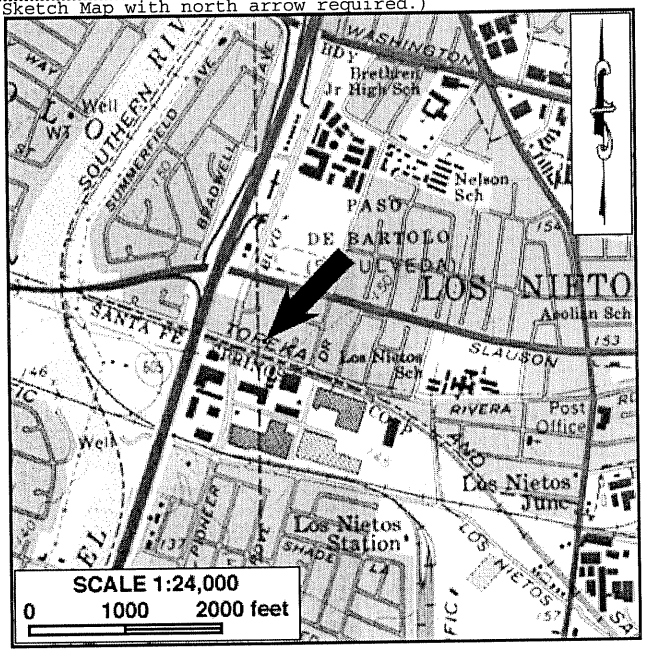
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-14H

P1. Other Identifier:

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8516 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400080 mE/ 3758800 mN
UTM Derivation: √ USGS Quad ____ GPS

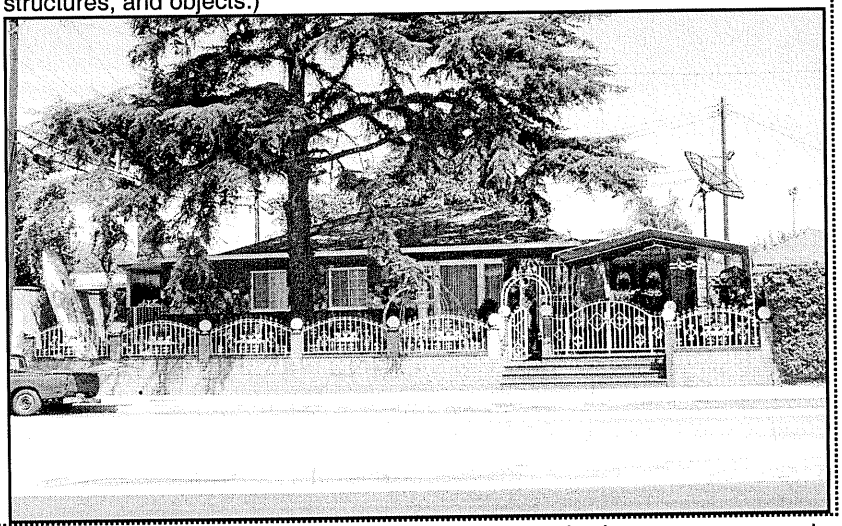
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-003

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This wood-framed single-family residence is elevated from street level. The one-story house has a rectangular ground plan and an asymmetrical façade. The low-pitched hip roof is covered wih composition shingles. Brick and stone veneer comprises most of the exterior wall cladding, with a small addition near the southerly end covered with stucco. This addition now houses the main entrance with a small, recessed portico. Aluminum-framed sliding windows are most prevalent, with one large wood-framed, fixed window in a shallow bay. A concrete block retaining wall topped with an ornamental wrought iron fence encloses the front yard.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the east

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Raul V. Medina Trust, 8516 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet √ Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-14H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional (altered)

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Lawrence Stahlecker acquired the house in the same year from Pasadena Savings and Loan Association. Later alterations to the house include a 230-square-foot room addition in 1958, enclosure of a patio in 1963, a 175-square-foot room addition in 1975, and the addition of two bedrooms, two bathrooms, a study and a den in 1986.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Wall

B9a. Architect: Unknown b. Builder: Development Engineers

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP46: Walls/gates/fences

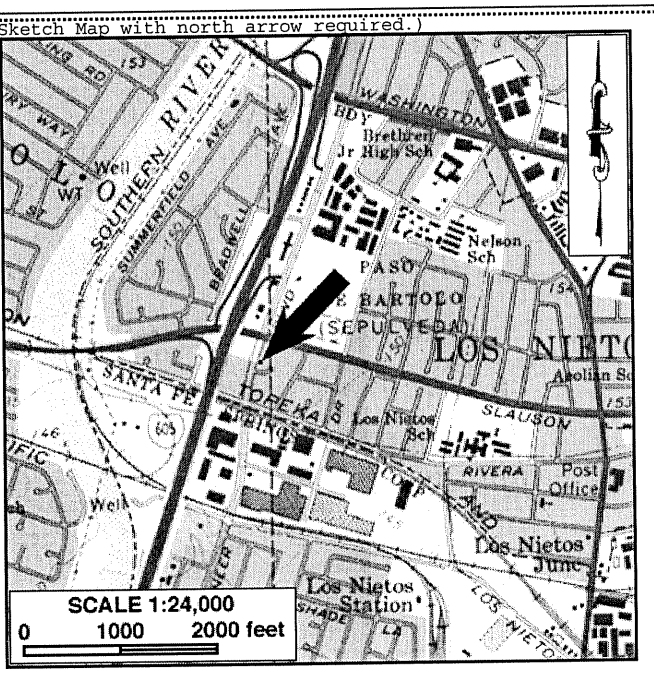
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-15H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of___1/4 of Sec___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8523 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400070 mE/ 400780 mN

UTM Derivation: √ USGS Quad____GPS

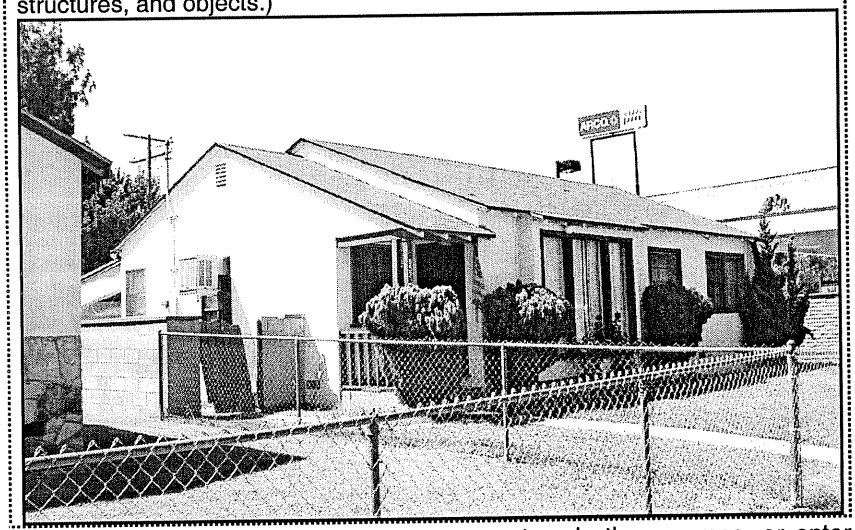
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-032

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A single-family residence of wood-frame construction, this one-story house features a rectangular ground plan and an asymmetrical façade. The medium-pitched, overlapping side-gable roof is covered with composition shingles. The exterior walls are clad in stucco, with scalloped wood trim around the wood-framed double-hung windows in the façade. Other windows are wood-framed with fixed sashes. The small entry porch is located at the southeastern corner of the house and is supported by two square wood posts, with a simple wood railing on one side of the porch.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building____Structure____Object____Site____District____Element of District____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Socorro Herrer Trust, 8523 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-15H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed n 1953 along with the others in this tract home development. Carl and Charlotte Merscheim purchased the house from Pasadena Savings and Loan Association in 1953.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:** ____ **Original Location:** ____

*B8. **Related Features:** Fence

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP46: Walls/gates/fences

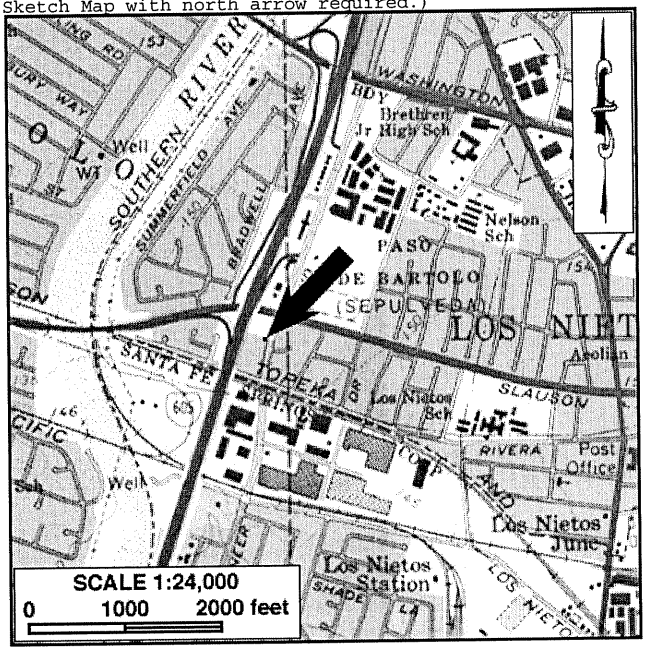
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-16H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8529 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400060 mE/ 3758760 mN
UTM Derivation: √ USGS Quad ____GPS

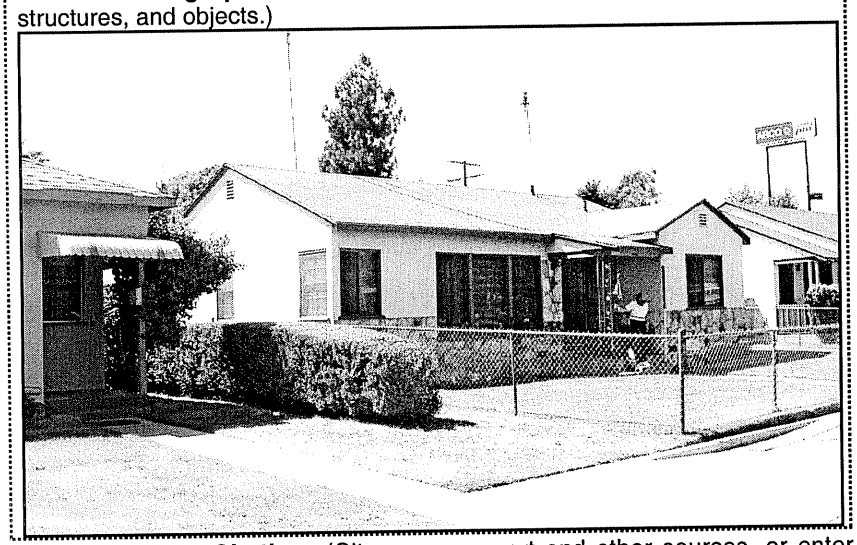
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-033

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and features an L-shape ground plan. The medium-pitched cross-gabled roof is sheathed in composition shingles. The asymmetrical façade is clad in stucco and stone veneer. The majority of the windows are aluminum-framed sliding windows, although a few wood-framed windows with fixed or double-hung sashes still remain. A small, off-centered entry porch is situated under an extension of the main roof and has decorative wrought iron supports. A chain-link fence encloses the front yard.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the north

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Carl W. & Jane B. Like, 8529 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-16H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently constructed in 1953 by Development Engineers along with the others in this tract home development. Carl and Jane Like purchased the house from Pasadena Savings and Loan Association in 1953 and they remain the current owners.

*B7. Moved? √ No ____ Yes ____ Unknown Date: Original Location:

*B8. Related Features: Fence

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP46: Walls/gates/fences

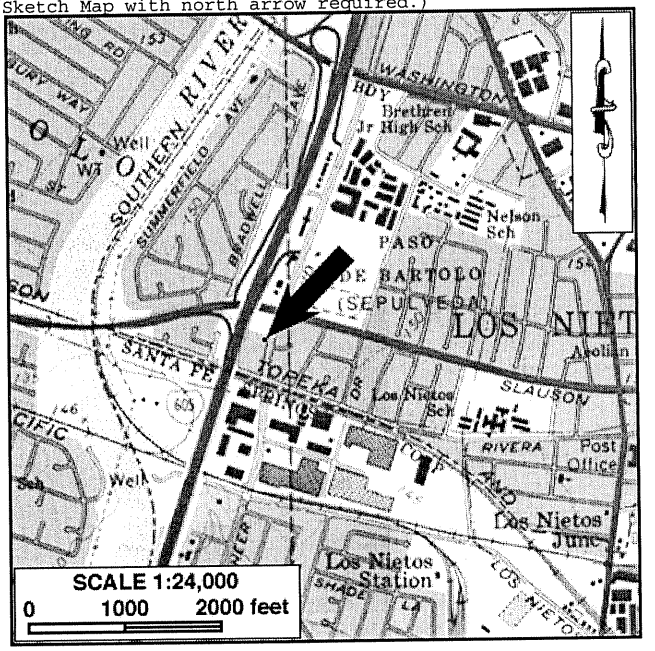
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-17H

P1. Other Identifier:

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8533 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400050 mE/ 3758740 mN
UTM Derivation: √ USGS Quad ____GPS

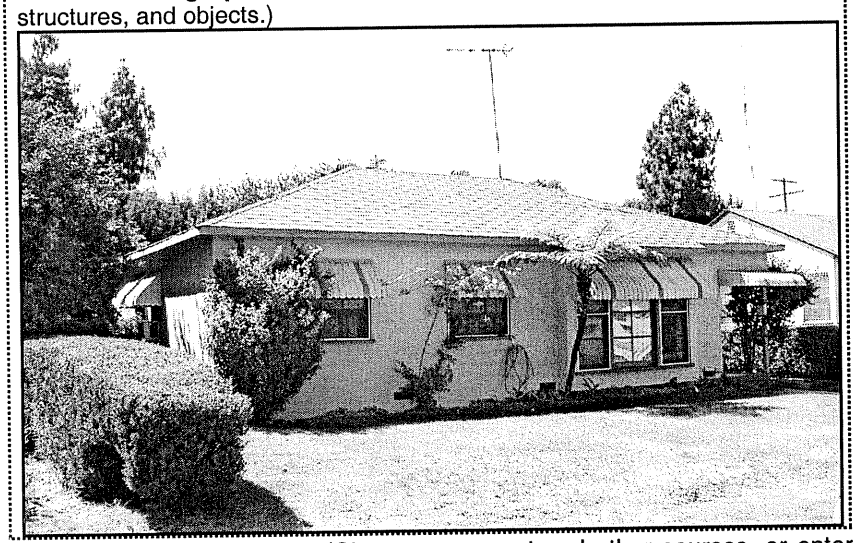
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-034

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This wood-framed single-family residence is one-story and has a rectangular ground plan. The house is surmounted by a medium-pitched hip roof covered with composition shingles. The asymmetrical façade features a stucco exterior and awnings over the front windows, which are wood-framed double-hungs. One large window is housed in a shallow rectangular bay. The off-centered, recessed entry porch is supported by one square wood post and is extended by a similar awning. There is a small shed in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Joe O. and Hortense Toledo, 8533 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet √ Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-17H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Warren Munyon acquired the house in the same year from Pasadena Savings and Loan Association.

*B7. Moved? √ No ____Yes ____Unknown Date: Original Location:

*B8. Related Features: Shed

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

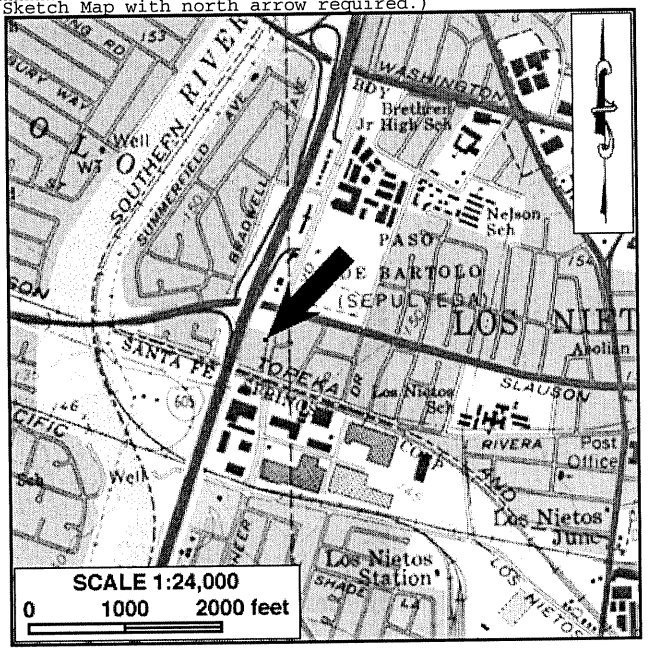
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-18H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8603 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400050 mE/ 3758720 mN

UTM Derivation: √ USGS Quad ____GPS

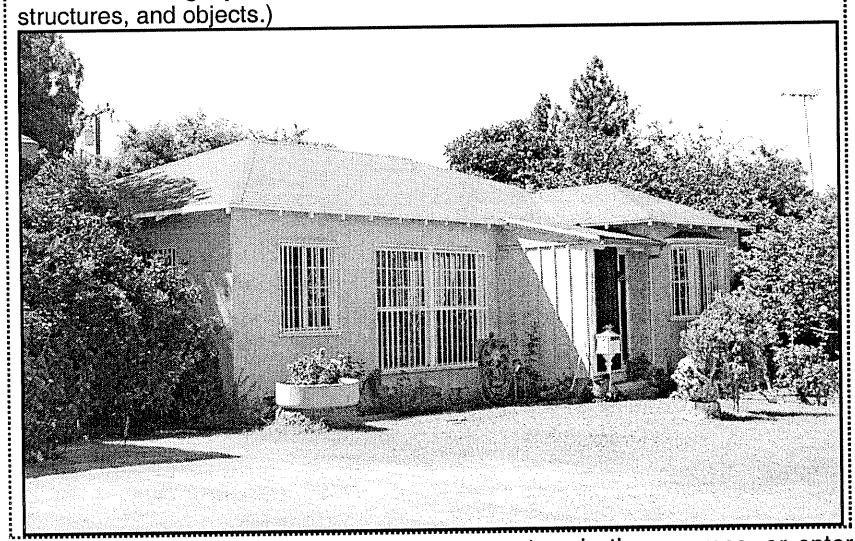
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-035

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A one-story house of wood-frame construction, this single-family residence features a slight L-shape ground plan. The cross-hip roof is sheathed in composition shingles. There is a small extension of the main roof over the now enclosed entry porch. The asymmetrical front façade sports one large central window as well as a bay window, both of which are equipped with security bars.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:

√ Historic ____Prehistoric ____Both

Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:

Lucia Burgara et al., 8603 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-18H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Jay Petrell acquired the house in the same year from Pasadena Savings and Loan Association.

*B7. Moved? √ No ____ Yes ____ Unknown Date: ____ Original Location: ____

*B8. Related Features: None

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) ____

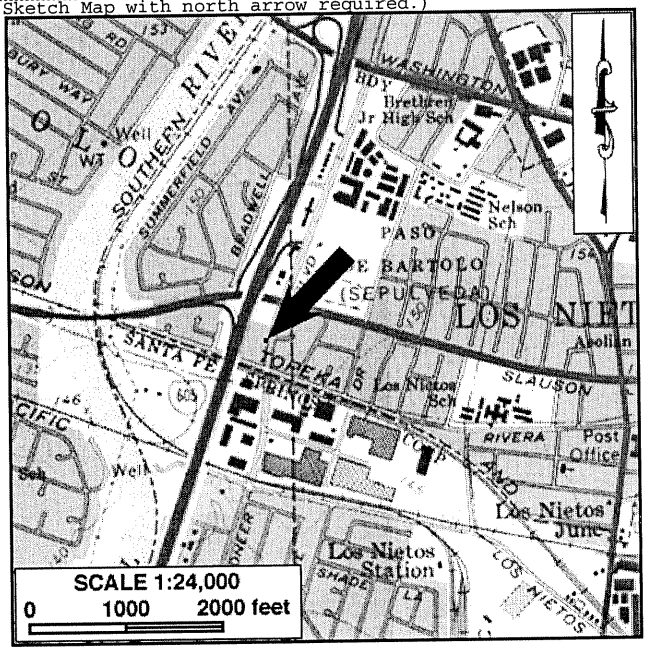
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks: ____

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-19H

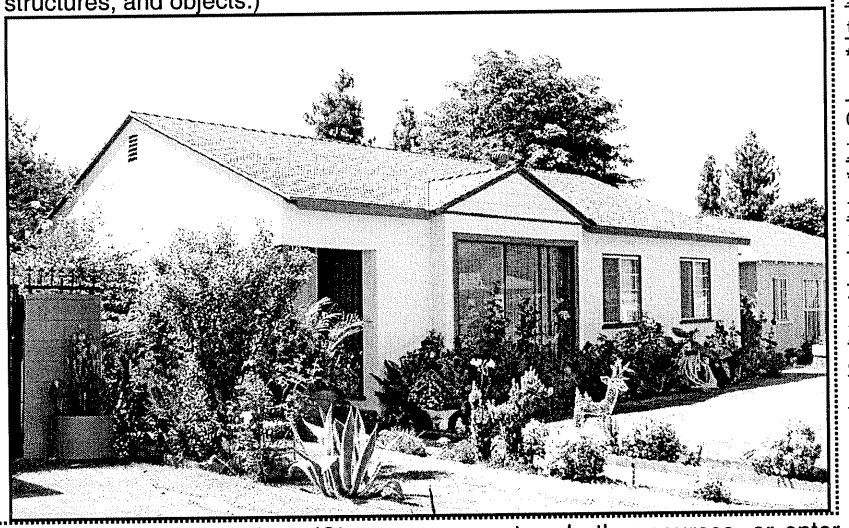
P1. Other Identifier:
*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant
c. Address 8609 Pioneer Boulevard City Los Nietos Zip 90606
d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400040 mE/ 3758710 mN
UTM Derivation: √ USGS Quad ____GPS
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-036

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has a rectangular ground plan. The house is surmounted by a side-gabled roof with an intersecting gable over a rectangular bay window. The roof is covered with composition shingles. The asymmetrical façade features two vinyl-framed sliding windows and one large wood-framed fixed window that is situated in the shallow bay. The off-centered, recessed porch is supported by one square wood post.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
__√__ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Luis & Evangelina Rangel, 8609 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet __√__ Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

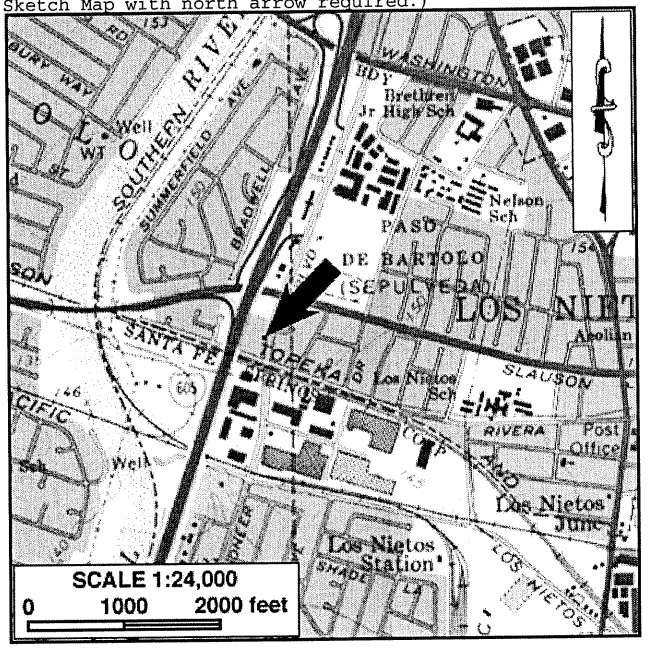
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-19H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. Architectural Style: Mininal Traditional
*B6. Construction History: (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Jose Hautekamer acquired the house in the same year from Pasadena Savings and Loan Association.
*B7. Moved? √ No ____ Yes ____ Unknown Date:_____ Original Location:_____
*B8. Related Features: None
B9a. Architect: Unknown
b. Builder: Development Engineers
*B10. Significance: Theme N/A
Area N/A
Period of Significance N/A
Property Type N/A
Applicable Criteria N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes)_____
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records
B13. Remarks:_____
*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard
*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-20H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8615 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400030 mE/ 3758690 mN

UTM Derivation: √ USGS Quad ____GPS

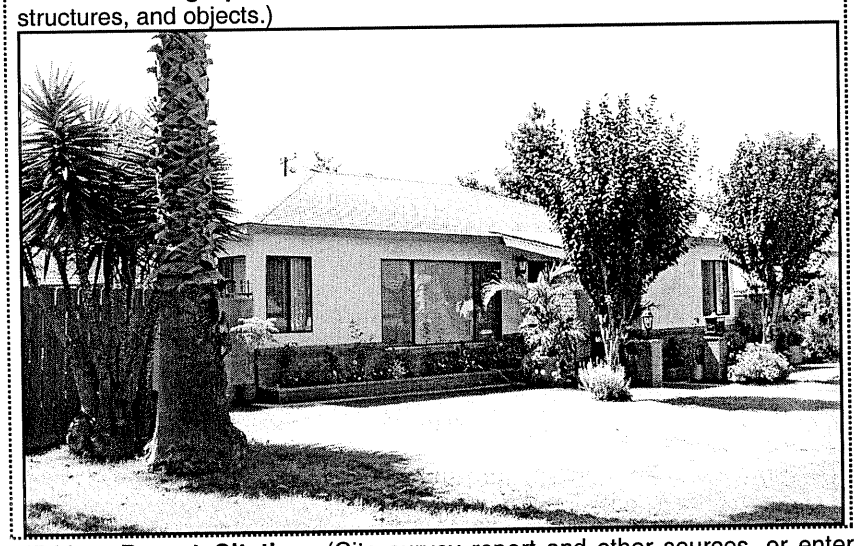
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-037

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A wood-framed single-family residence, this one-story house has a rectangular ground plan and an asymmetrical façade. The low-pitched cross-hip roof is clad in composition shingles. Stucco comprises most of the exterior wall cladding, with the lower portion of the façade sporting a two-foot brick veneer. Aluminum-framed, sliding windows are present throughout the façade. The centered porch is located under a small roof extension and is supported by a single brick pillar. The house features extensive decorative brick work.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
__√__Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Salvador L. & Maria E. Jimenez, 8615 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

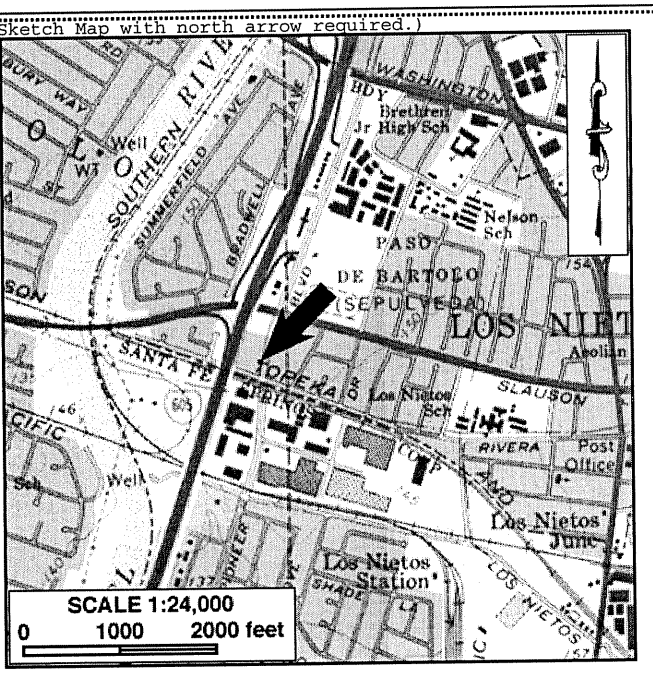
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-20H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. **Architectural Style:** Mininal Traditional
*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Chauncy Reveal acquired the house in the same year from Pasadena Savings and Loan Association.
*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** None
B9a. Architect: Unknown
b. Builder: Development Engineers
*B10. **Significance:** **Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes)_____
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records
B13. Remarks:_____
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-21H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of___1/4 of Sec___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8619 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400020 mE/ 3758670 mN

UTM Derivation: √ USGS Quad____GPS

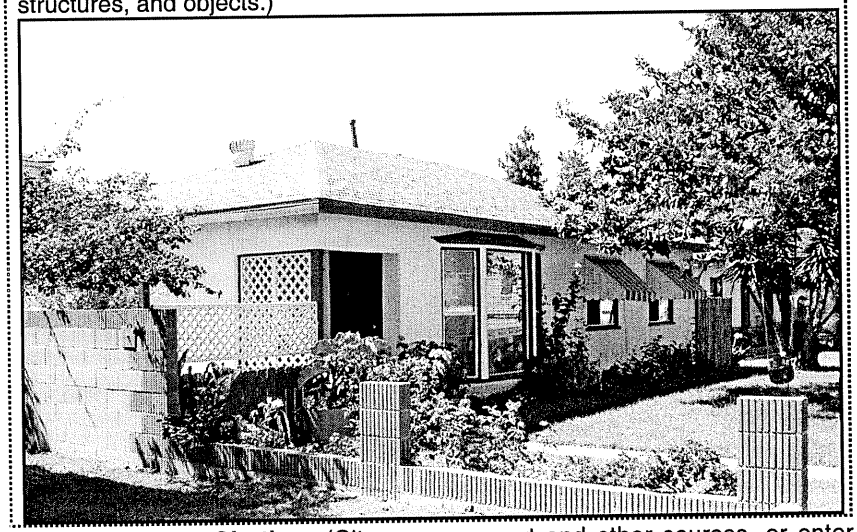
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-038

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has a rectangular ground plan. The medium-pitched hip roof is sheathed in composition shingles. The asymmetrical façade features a large central polygonal bay window and two smaller windows under awnings. All windows consist of aluminum-framed sliding sashes with the exception of the bay window, which is wood-framed with fixed and double-hung sashes. The recessed porch is located at the southeastern corner of the house and is supported by a single square wood post with decorative wood lattice at the side.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:

___√___ Historic ____Prehistoric ____Both

Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:

Miguel & Juana Nuno, 8619 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet ___√___ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-21H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Lewis Cimins acquired the house in the same year from Pasadena Savings and Loan Association. Later alterations to the dwelling include a family room addition in 1971 and the replacement of 15 windows in 2000.

*B7. Moved? √ No ____ Yes ____ Unknown Date:____ Original Location:____

*B8. Related Features: None

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)

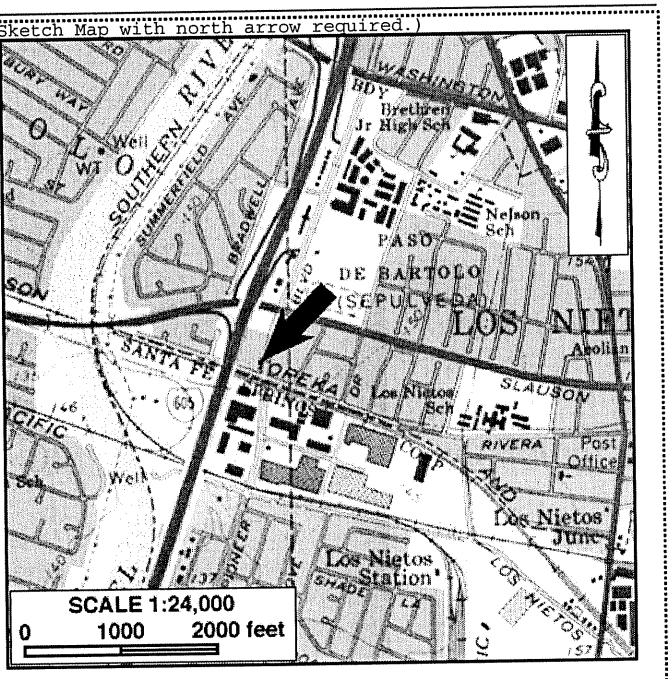
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



*Required information

(This space reserved for official comments.)

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-22H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 8625 Pioneer Boulevard City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400020 mE/ 3758650 mN
UTM Derivation: √ USGS Quad ____GPS

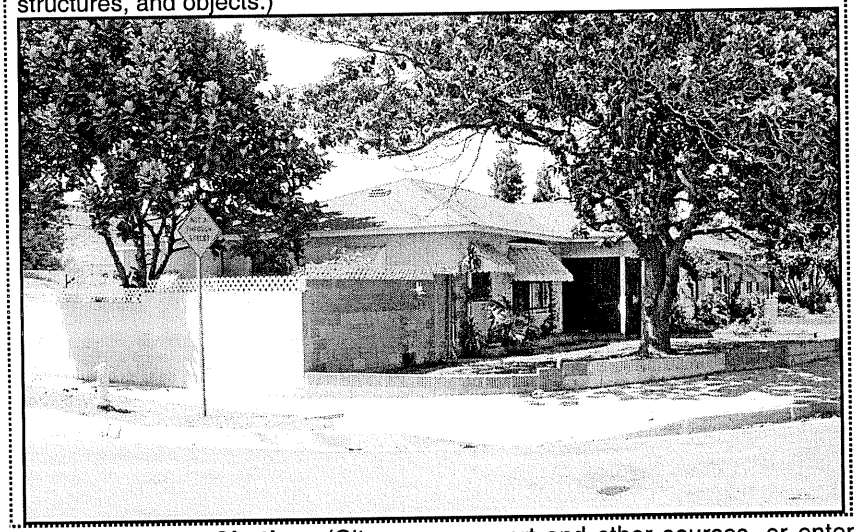
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-039

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This wood-framed single-family residence is one-story and has an L-shape ground plan. The medium-pitched cross-gabled roof is covered with composition shingles. The asymmetrical façade features a shallow polygonal bay window and a smaller wood-framed double-hung window, both topped with awnings. The recessed porch has a security screen at the entrance. The house has a concrete block wall that separates the front yard from the back.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Bob & Gloria Salazar, 8625 Pioneer Boulevard, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-22H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Carl Dashney acquired the house in the same year from Pasadena Savings and Loan Association. Later alterations include a 136-square-foot room addition in 1965, a 114-square-foot room addition in 1967, and a 220-square-foot room addition to the back of the house in 1997.

*B7. Moved? √ No ____Yes ____Unknown Date:____ Original Location:____

*B8. Related Features: Wall

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP46: Walls/gates/fences

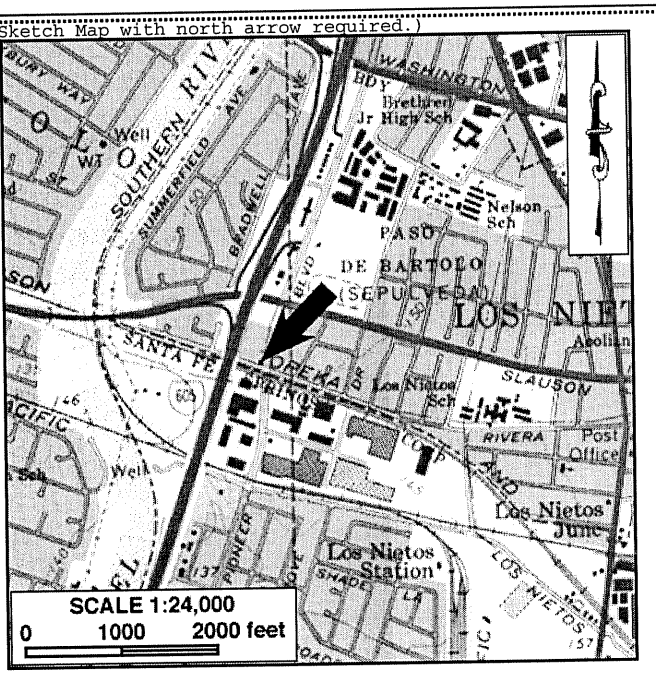
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-23H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 11005 Rivera Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400060 mE/ 3758640 mN

UTM Derivation: √ USGS Quad ____GPS

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-025

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This two-story house features a rectangular ground plan and a symmetrical façade. The medium-pitched front-gabled roof is characterized by its wide eaves, exposed rafters, and lattice vents at the peaks of the gables. The roof is covered with composition shingles and the exterior walls are clad in horizontal clapboards. The house appears to retain the original wood-framed double-hung windows, surrounded by broad, flat trim. The open veranda in the façade has been screened in, and is surmounted by a partial hip roof, also covered in composition shingles. On either side of the house, there are shallow pent roofs between the first and second stories. The property is enclosed by a chain-link fence that is covered with vines. There is a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: Ca. 1914 (see Items B6 and B12 for details)

*P7. Owner and Address:
Theresa J. & Crescencio V. Marquez, 11005 Rivera Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-23H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Vernacular

*B6. Construction History: (Construction date, alterations, and date of alterations) Los Angeles County Assessor's records indicate that this house was constructed around 1914 as the residence of Caleb J. Gish, who was listed in the local directory as a walnut farmer in 1920. Around 1935, Caleb Gish's wife Dora became the property owner, having probably inherited it after her husband's death. Within the next few years, ownership of the house was transferred to Ralph E. Gish, evidently a son of Caleb and Dora Gish based on his presence in the household in 1924. During the 1920s, Ralph Gish worked as a box-maker in nearby Whittier. In the early 1950s, the property was listed under the names of both Dora and Ralph Gish, who sold much of the former family ranch to be developed into tract homes in the post-WWII period, but retained this house at least into the 1960s. In 1998, at the request of the County of Los Angeles, windows in the enclosed front porch were removed and replaced with screens. There are no records, however, pertaining to the enclosure of the porch or any other alterations in County archives.

*B7. Moved? √ No ____ Yes ____ Unknown Date: ____ Original Location: ____

*B8. Related Features: Detached garage, fence

B9a. Architect: Unknown b. Builder: Unknown

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

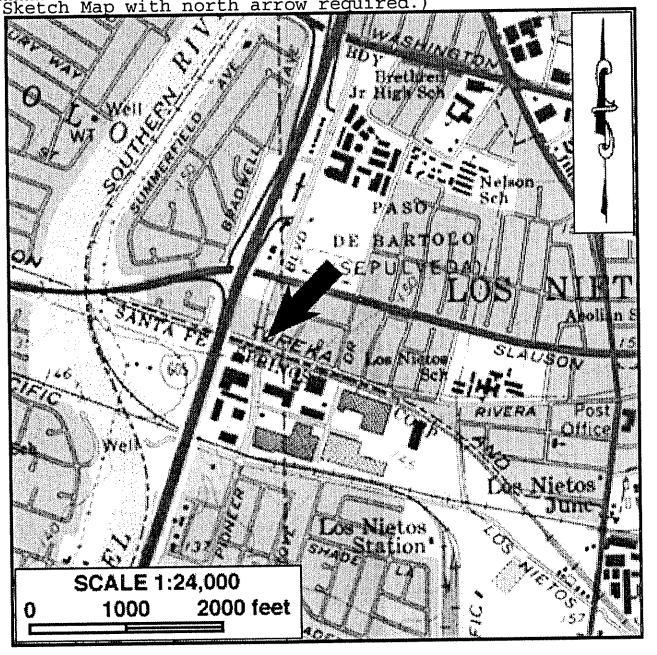
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records; Whittier city directories (1920, 1924)

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-24H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 11021 Rivera Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400110 mE/ 3758600 mN

UTM Derivation: √ USGS Quad ____GPS

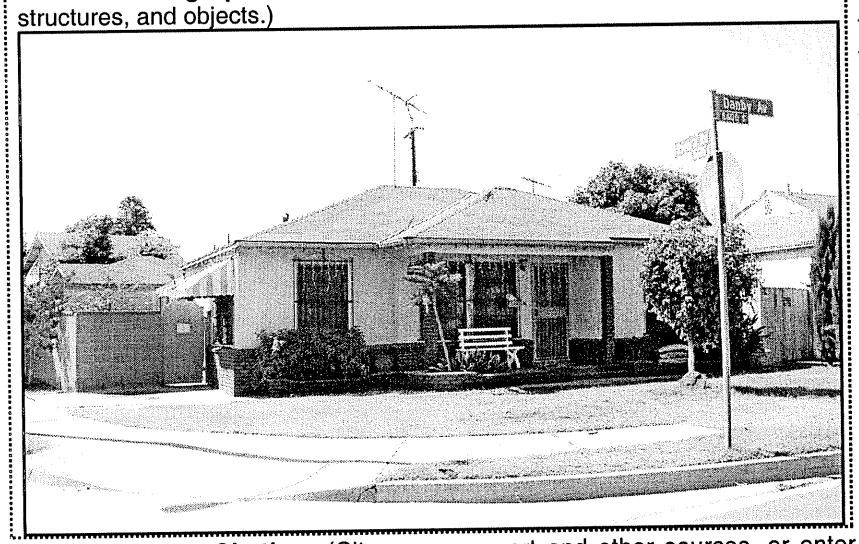
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-022

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction. The house has an L-shape ground plan and a medium-pitched cross-hip roof, clad in composition shingles. The asymmetrical façade is focused at a centered, recessed porch supported by two thin brick pillars. The exterior wall surface is covered in stucco, with a brick veneer over the lower portion of the front, from the base of the windows to the ground. The house also has brick planters under the windows and a detached garage to the side.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1949 (see Items B6 and B12 for details)

*P7. Owner and Address:
Roy & Angie Levario Trust, 11021 Rivera Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

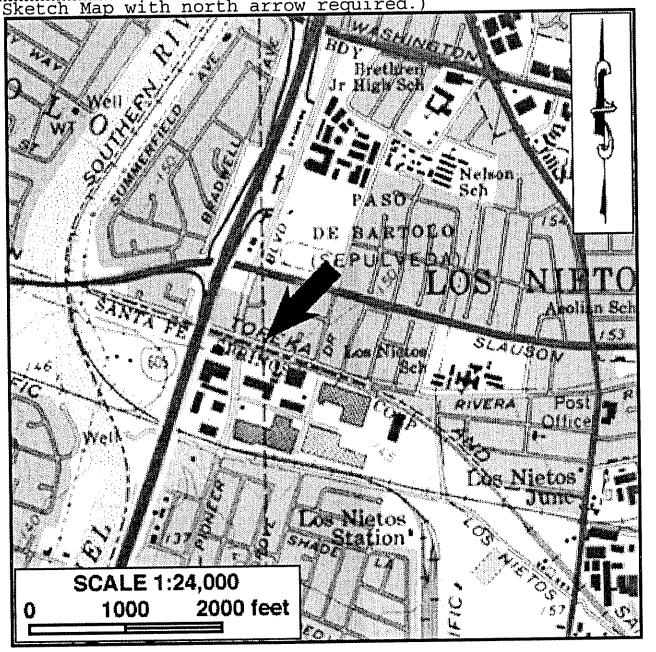
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-24H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. **Architectural Style:** Mininal Traditional
*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently built in 1949 by Sentinel Corporation as part of a tract home development. It was purchased in 1951 by Rafael and Adeline Huante from Gibert Investment Company.
*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** Detached garage
B9a. Architect: Unknown
b. Builder: Unknown
*B10. **Significance:** **Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records
B13. Remarks:
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-25H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 11117 Rivera Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400140 mE/ 3758590 mN
UTM Derivation: √ USGS Quad ____ GPS

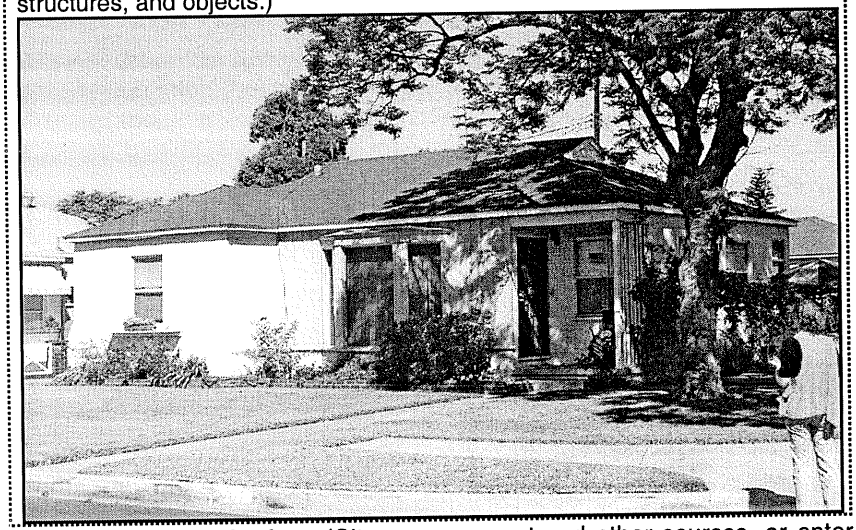
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-025-008

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A one-story house, this wood-framed single-family residence has an L-shape ground plan. The medium-pitched gable-on-hip roof has a cross hip over the front extension of the L and is covered in composition shingles. The asymmetrical façade sports a large polygonal bay window with wood-framed fixed sashes. The remaining fenestration consists of aluminum-framed sliding windows. Exterior wall cladding materials are stucco and vertical boards, which occurs immediately around the bay window. The off-centered, recessed entry porch is supported by a single square wood post and has decorative wood slats. There is a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the east

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1949 (see Items B6 and B12 for details)

*P7. Owner and Address:
Jose B. Jr. & Dolores Ruiz, 11117 Rivera Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

Page 2 of 2

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-25H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently built in 1949 by Sentinel Corporation as part of a tract home development. It was purchased in 1951 by Edward Landa from Gibert Investment Company.

*B7. Moved? √ No ____ Yes ____ Unknown Date:_____ Original Location:_____

*B8. Related Features: Detached garage

B9a. Architect: Unknown

b. Builder: Unknown

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

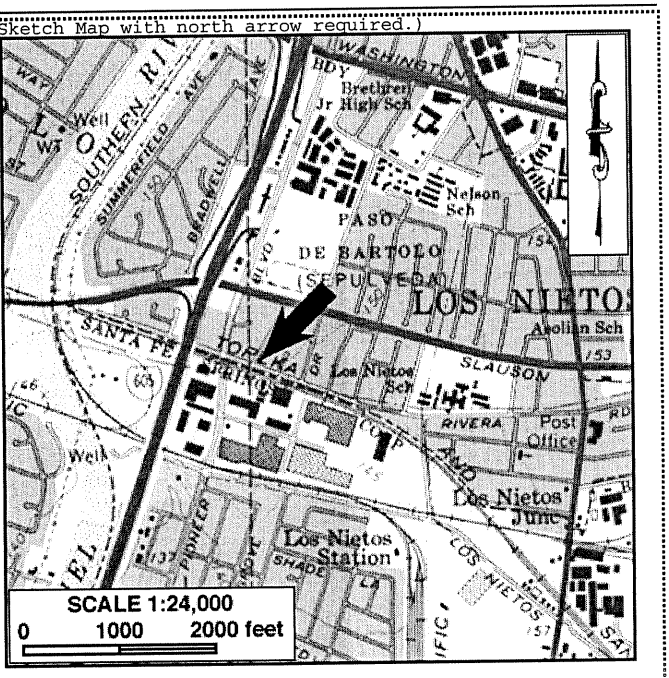
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-26H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R11W; ___1/4 of___1/4 of Sec___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 11131 Rivera Road City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400150 mE/ 3758580 mN

UTM Derivation: √ USGS Quad____GPS

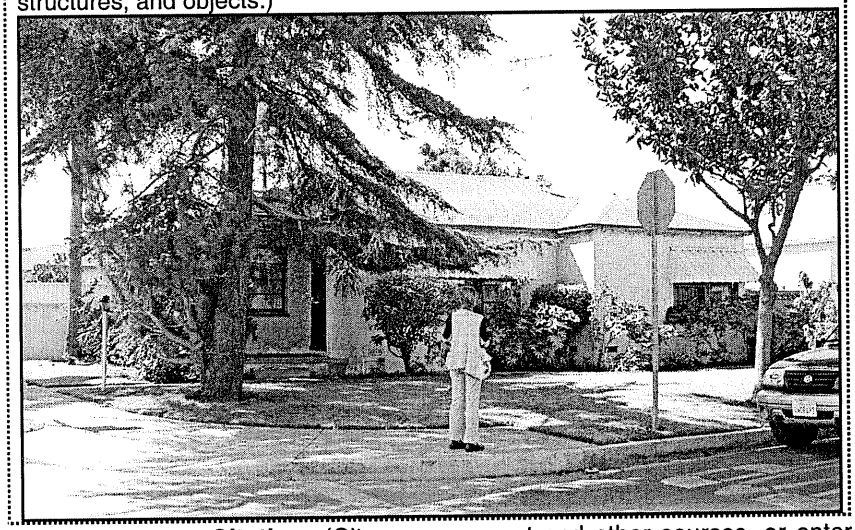
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-025-033

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story, wood-framed single-family residence has an L-shape ground plan. The medium-pitched gable-on-hip roof has a cross hip over the front extension of the L and is covered in composition shingles. The house is clad in stucco and has wood-framed double-hung windows throughout. The recessed porch is located at the southeastern corner of the house and is supported by a single square wood post. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1949 (see Items B6 and B12 for details)

*P7. Owner and Address:
Fausto C. & Consuelo Barros, 11131 Rivera Road, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

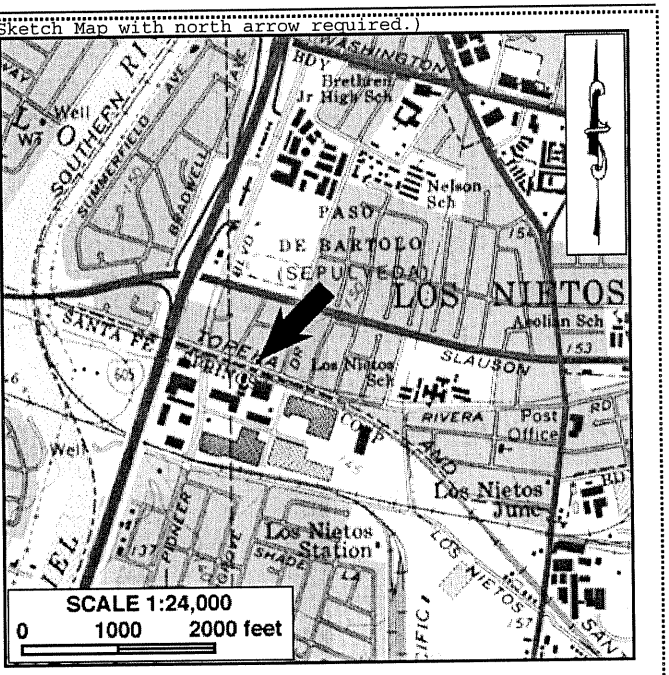
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-26H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. **Architectural Style:** Mininal Traditional
*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently built in 1949 by Sentinel Corporation as part of a tract home development. It was purchased in 1951 by Joe and Helen Cervantes from Gibert Investment Company.
*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** Detached garage
B9a. Architect: Unknown
b. Builder: Unknown
*B10. **Significance:** **Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records
B13. Remarks:
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-27H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 10702 Wheelock Circle City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400070 mE/ 3758700 mN

UTM Derivation: √ USGS Quad ____GPS

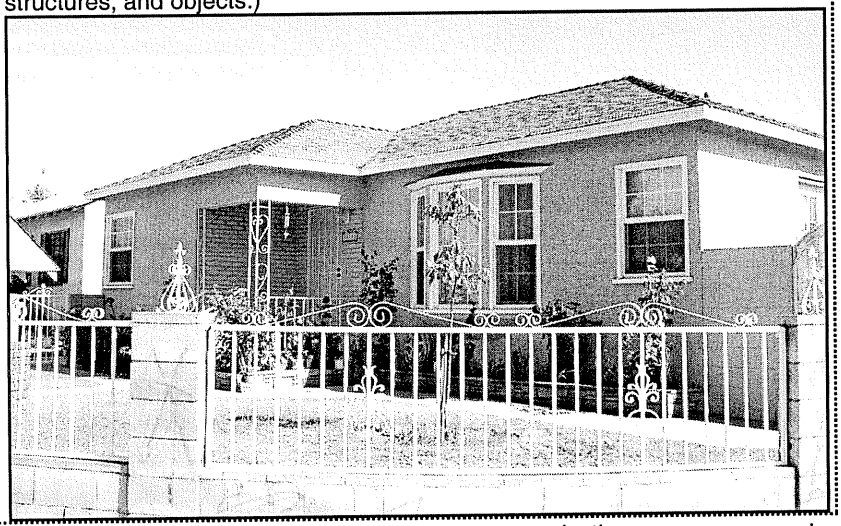
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-011

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story, wood-framed single-family residence has an L-shape ground plan. The low-pitched cross hip roof is covered in composition shingles. The stucco-clad, asymmetrical façade contains a shallow polygonal bay window. Fenestration is composed of vinyl-framed double-hung windows. The recessed entry porch is off-centered and features decorative wrought iron supports and a painted brick veneer surrounding the front door. This house is adorned with a concrete block and wrought iron fence, and has a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Ray & Hilda Aguirre, 10702 Wheelock Circle, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

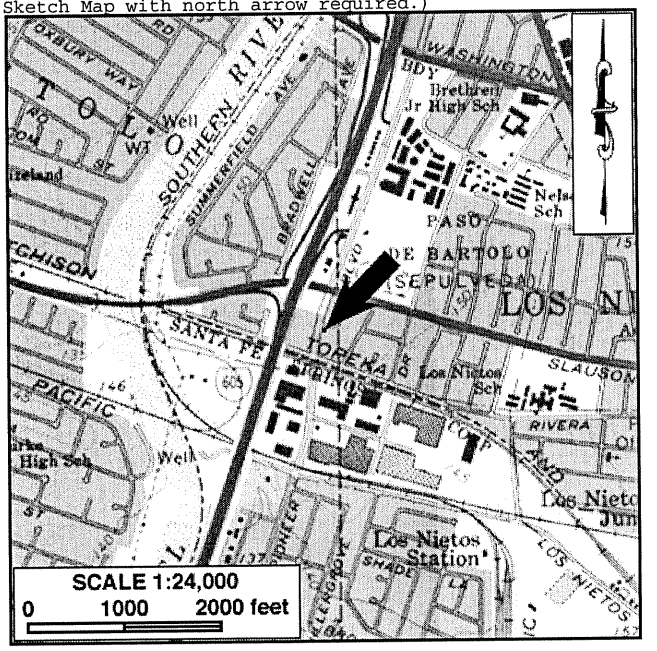
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-27H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. **Architectural Style:** Mininal Traditional
*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Jason and Lena Daily acquired the house in the same year from Pasadena Savings and Loan Association. Later alterations include a 112-square-foot workshop added in 1956, a patio cover added in 1958 and a patio enclosure in 1959.
*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** Detached garage
B9a. Architect: Unknown
b. Builder: Development Engineers
*B10. **Significance:** **Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records
B13. Remarks:
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-28H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 10703 Wheelock Circle City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400080 mE/ 3758740 mN

UTM Derivation: √ USGS Quad ____ GPS

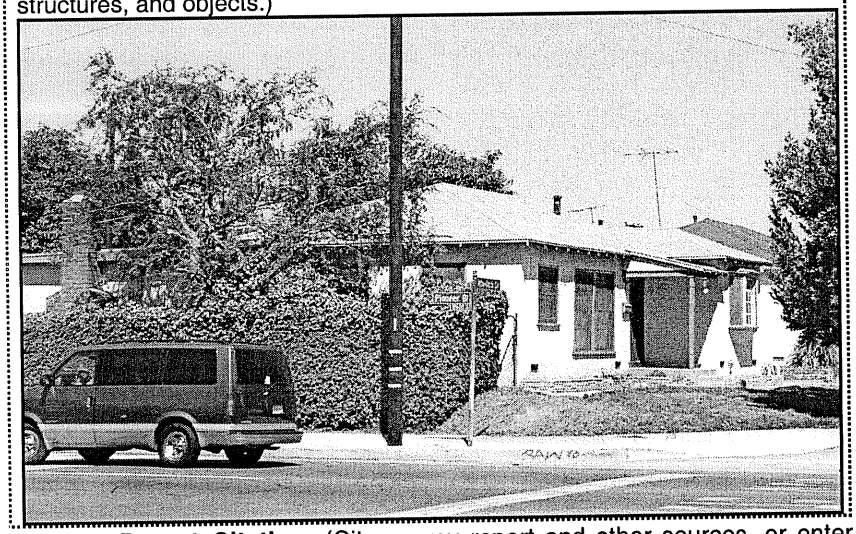
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-002

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story, wood-framed single-family residence has an L-shape ground plan. The low-pitched cross hip roof features exposed rafters and is sheathed in composition shingles. The exterior walls are clad in stucco and feature a shallow polygonal bay window in the asymmetrical façade. Fenestration is composed of wood-framed double-hung windows and one wood-framed fixed window. The entry porch is supported by one thin, square wood post. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
√ Historic ____ Prehistoric ____ Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Victoria Rosales, 10703 Wheelock Circle, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-28H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed in 1953 by Development Engineers along with the others on Tract 17934. Stanley and Dona Greer purchased the house from Pasadena Savings and Loan Association in 1953. A 320-square-foot family room was added in 1963.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. **Significance:** **Theme** N/A

Area N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

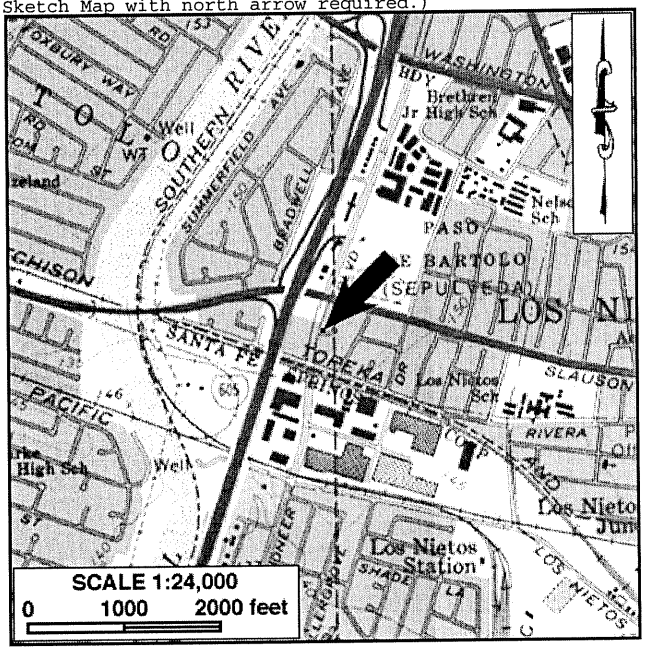
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-29H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 10706 Wheelock Circle City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400090 mE/ 3758700 mN

UTM Derivation: √ USGS Quad ____GPS

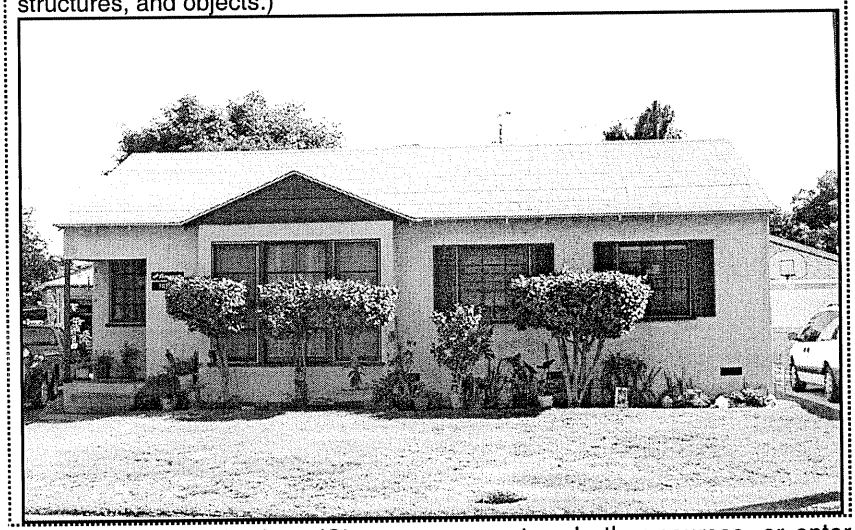
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-010

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has a rectangular ground plan. The house is surmounted by a side-gabled roof with an intersecting gable over a front bay window. The roof is covered with composition shingles. The asymmetrical façade is characterized by two small multi-paned, wood-framed double-hung windows flanked by wood shutters and one large wood-framed double-hung window situated in the shallow rectangular bay. The off-centered, recessed porch is supported by one square wood post. The house has a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the south

*P6. Date Constructed/Age and Sources:

__√__Historic ____Prehistoric ____Both

Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:

Clinton B. Rose M. Balder, 10706 Wheelock Circle, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-29H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Mininal Traditional

*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently constructed in 1953 by Development Engineers along with the others on Tract 17934. Louis and Elaine Trotechaud purchased the house from Pasadena Savings and Loan Association in 1953. A 468-square-foot room was added in 1963.

*B7. Moved? √ No ____ Yes ____ Unknown Date: Original Location:

*B8. Related Features: Detached garage

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

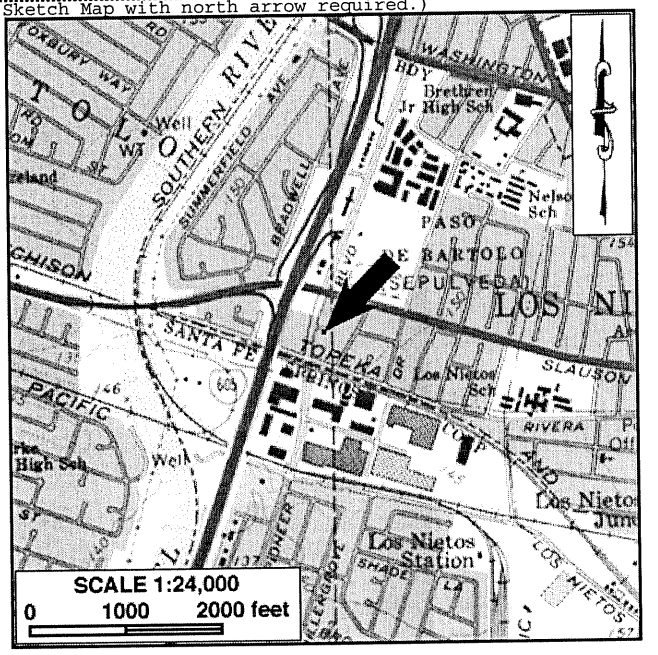
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-30H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T2S; R12W; ___1/4 of___1/4 of Sec___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant

c. Address 10710 Wheelock Circle City Los Nietos Zip 90606

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400110 mE/ 3758700 mN

UTM Derivation: √ USGS Quad____GPS

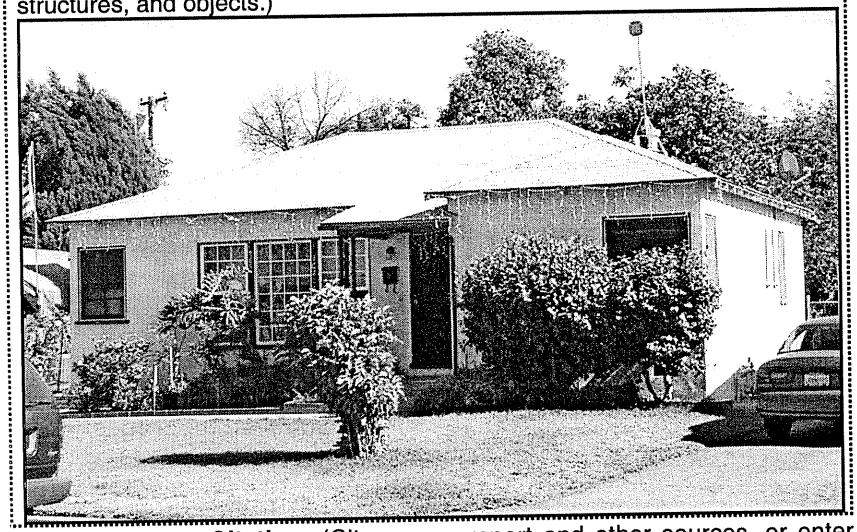
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-009

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story, wood-framed single-family residence has an L-shape ground plan. The medium-pitched cross-hip roof is sheathed in composition shingles. The exterior walls are clad in stucco. Front fenestration consists of one large vinyl-framed double-hung window and smaller wood-framed double-hungs. The entry porch is supported by a group of thin metal post with ornamental ironwork. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building Structure Object Site District Element of District Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)

*P7. Owner and Address:
Richard & Adelaida Grantillo, 10710 Wheelock Circle, Los Nietos, CA 90606

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

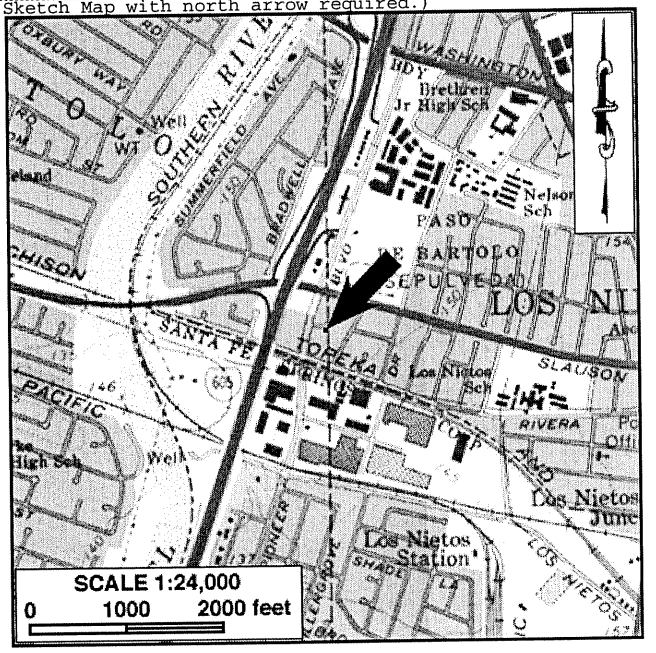
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-30H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. Architectural Style: Mininal Traditional
*B6. Construction History: (Construction date, alterations, and date of alterations) This house was evidently constructed in 1953 by Development Engineers along with the others in this tract home development. Carl Johnson purchased the house from Pasadena Savings and Loan Association in 1953. A 430-square-foot screened patio was added in 1968.
*B7. Moved? √ No ____ Yes ____ Unknown Date:_____ Original Location:_____
*B8. Related Features: Detached garage
B9a. Architect: Unknown
b. Builder: Development Engineers
*B10. Significance: Theme N/A
Area N/A
Period of Significance N/A
Property Type N/A
Applicable Criteria N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building
*B12. References: Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records
B13. Remarks:
*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard
*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

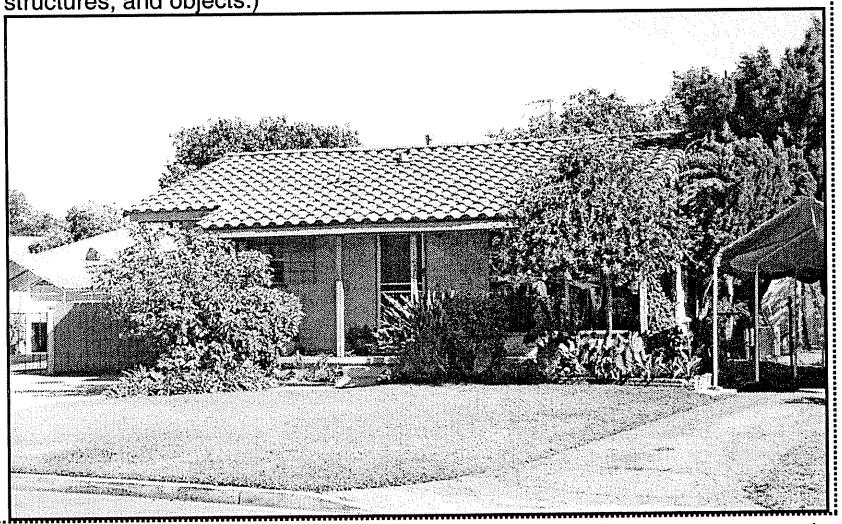
Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-31H

P1. Other Identifier:
*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T2S; R12W; ___1/4 of ___1/4 of Sec ___; S.B. B.M. Within the Paso de Bartolo (Sepulveda) land grant
c. Address 10714 Wheelock Circle City Los Nietos Zip 90606
d. UTM: (Give more than one for large and/or linear resources) Zone 11; 400120 mE/ 3758700 mN
UTM Derivation: √ USGS Quad ____ GPS
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8177-026-008

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction, and has a rectangular ground plan. The medium-pitched side-gabled roof is covered with ceramic tiles and features open eaves that extend well beyond the walls and are supported by slanted wood posts at the easterly corners. This wide eave overhangs an open veranda in the façade. The exterior wall surface is clad entirely in stucco. Fenestration includes a large wood-framed picture window in the front and aluminum-framed double-hung windows. The house has a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property
*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast
*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1953 (see Items B6 and B12 for details)
*P7. Owner and Address:
Rodriguez Family Trust, 10714 Wheelock Circle, Los Nietos, CA 90606
*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501
*P9. Date Recorded: July 23, 2002
*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet __√__ Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-31H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Mininal Traditional with Spanish influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to County of Los Angeles records, this house was constructed in 1953 by Development Engineers as part of a tract home development. Jack and Beverly Love acquired the house in the same year from Pasadena Savings and Loan Association. Later alterations include a 316-square-foot room addition in 1966 and the addition of a service porch in 1986.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: Unknown

b. Builder: Development Engineers

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

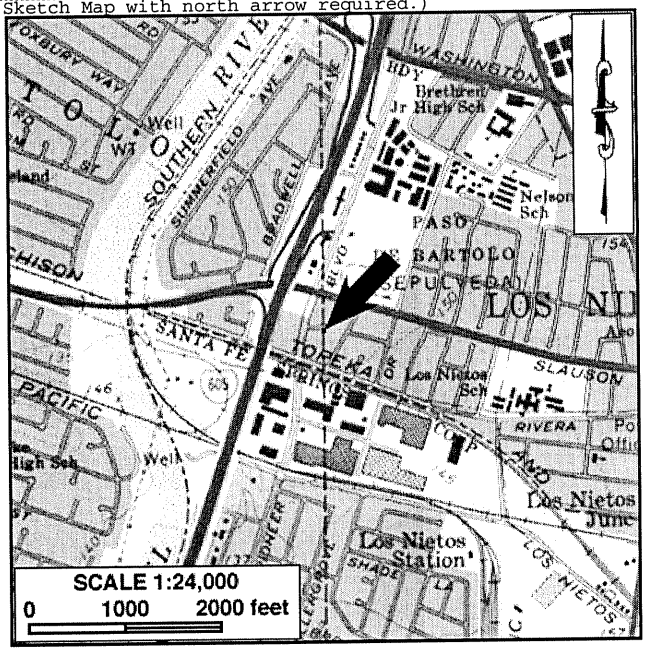
*B12. **References:** Los Angeles County Assessor's real property assessment records; County of Los Angeles building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-32H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14324 San Ardo Drive City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405040 mE/ 3751170 mN

UTM Derivation: √ USGS Quad ____GPS

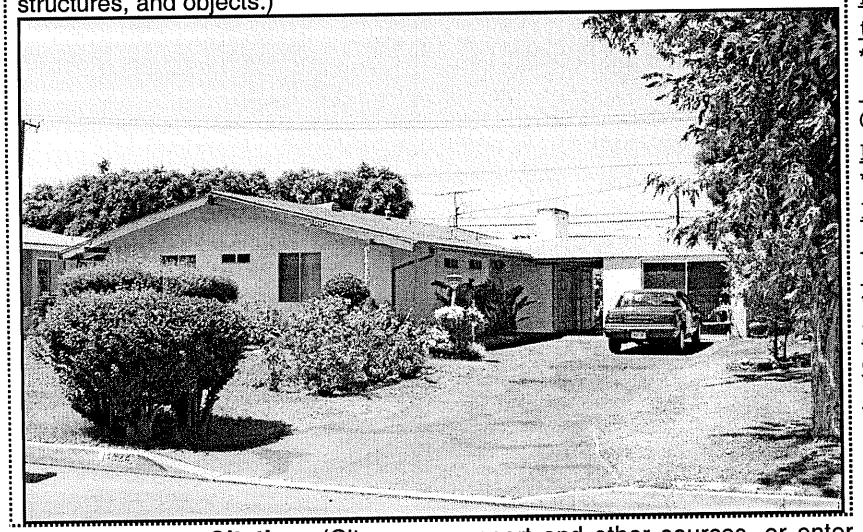
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-006

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story, post-WWII vernacular house is of wood-frame construction and has a T-shape ground plan. The low-pitched front-gabled roof has wide, open eaves and is covered with composition shingles. The asymmetrical façade is clad in stucco. Fenestration consists of small to medium-sized aluminum-framed sliding windows. A breezeway has been created between the original house and the garage, which appears to have been converted to interior living space. The garage is surmounted by a flat roof.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southwest

*P6. Date Constructed/Age and Sources:

√ Historic ____Prehistoric ____Both

Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:

Felino L. & Guadelupe R. Elias, 14324 San Ardo Drive, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

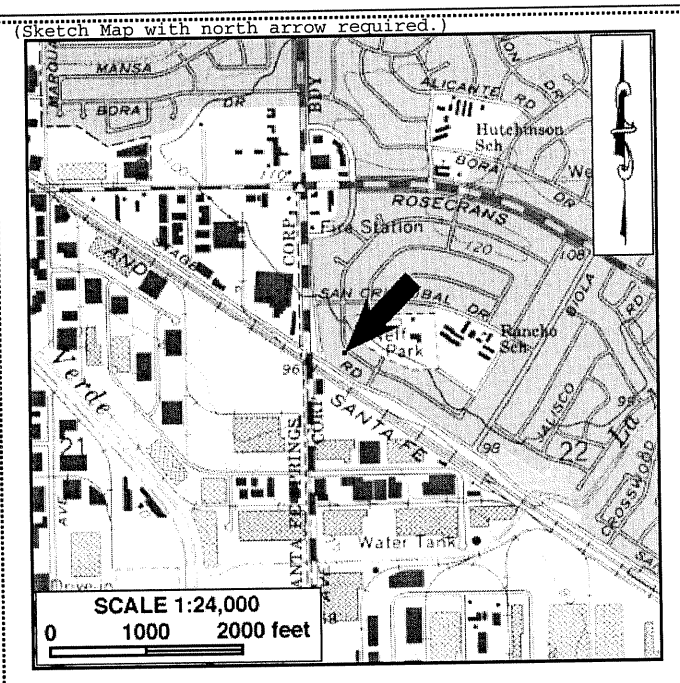
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-32H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. **Architectural Style:** Ranch Influence
*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. William J. Ulens purchased the home in 1955. Later alterations include a 300-square-foot rumpus room added in 1957, a 350-square-foot addition of a bedroom and a bathroom in 1962, and a 760-square-foot guesthouse constructed in 1963.
*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** None
B9a. Architect: David Freedman
b. Builder: Devon Construction Company
*B10. **Significance:** **Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes)_____
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records
B13. Remarks:_____
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-33H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14330 San Ardo Drive City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405040 mE/ 3751150 mN

UTM Derivation: √ USGS Quad ____GPS

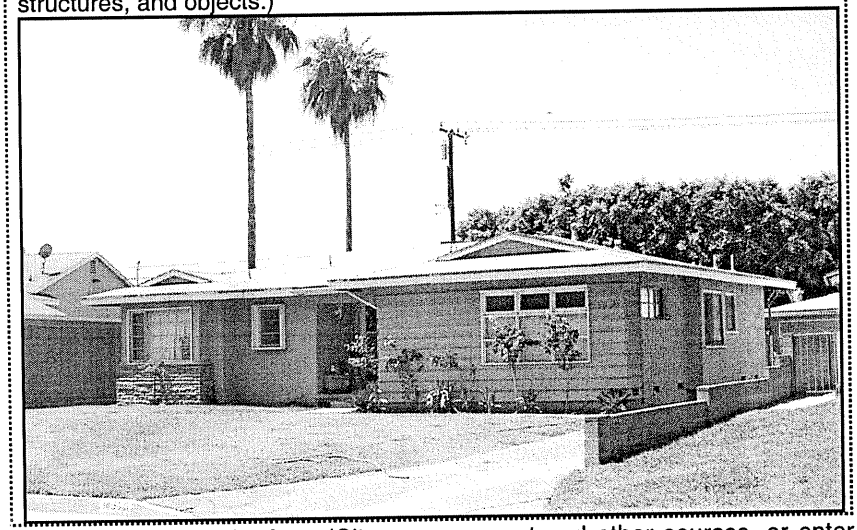
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-005

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story, post-WWII vernacular house is of wood-frame construction and has an L-shape ground plan. The low-pitched gable-on-hip roof is characterized by its wide, open eaves and is covered in composition shingles. The asymmetrical façade is clad with various materials, including stucco and stone veneer in the northern portion and horizontal clapboards in the southern portion. Fenestration consists of wood-framed double-hung and casement windows. The recessed entry porch is off-centered. The house has a detached garage in the rear.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the south

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Juan & Alicia Jimenez, 14330 San Ardo Drive, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

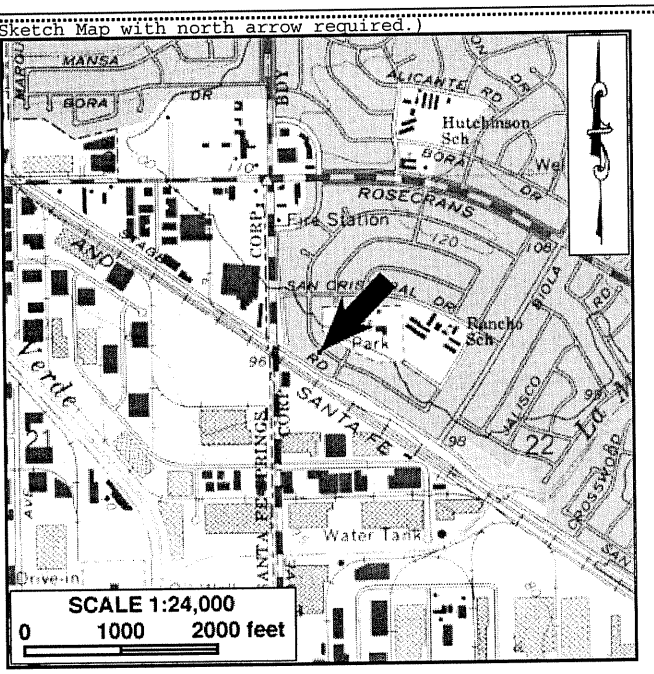
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-33H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. Architectural Style: Ranch Influence
*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Stanley and Treva McCormack purchased the home in 1955. Later alterations include the addition of a 345-square-foot den in 1958 and a 195-square-foot bedroom and bathroom addition in 1963.
*B7. Moved? √ No ____ Yes ____ Unknown Date:_____ Original Location:_____
*B8. Related Features: Detached garage
B9a. Architect: David Freedman
b. Builder: Devon Construction Company
*B10. Significance: Theme N/A
Area N/A
Period of Significance N/A
Property Type N/A
Applicable Criteria N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records
B13. Remarks:
*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard
*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



*Required information

(This space reserved for official comments.)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-34H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14336 San Ardo Drive City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405040 mE/ 3751120 mN

UTM Derivation: √ USGS Quad ____GPS

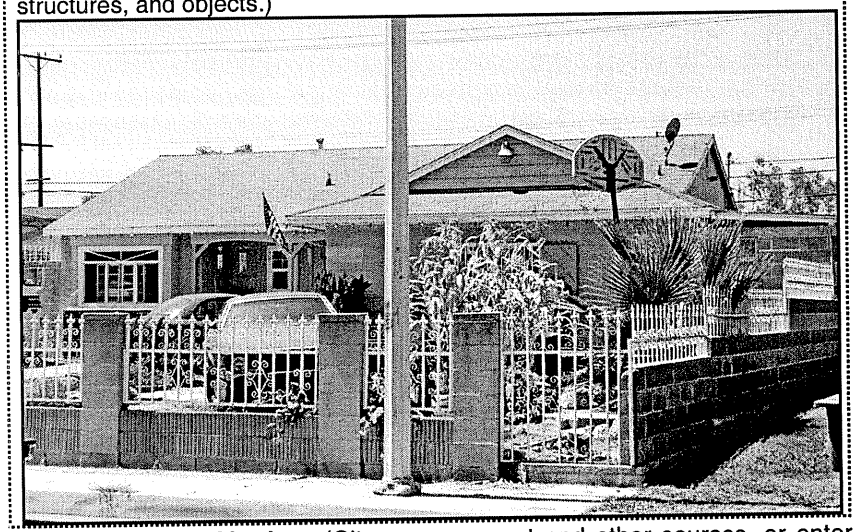
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-004

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story, post-WWII vernacular house is of wood-frame construction and has an L-shape ground plan. The medium-pitched side-gabled roof features an intersecting gable-on-hip extension over the attached garage. The asymmetrical façade is clad in various materials, including horizontal boards on the garage, stucco and stone veneer on the southeasterly portion, and vertical board-and-batten in the recessed porch. This off-centered porch is supported by square wood posts with diagonal braces near the top. Front fenestration is composed of vinyl-framed sliding windows. The front yard is enclosed with a concrete block and wrought iron fence.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southwest

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Carl Rozatti, 14336 San Ardo Drive, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

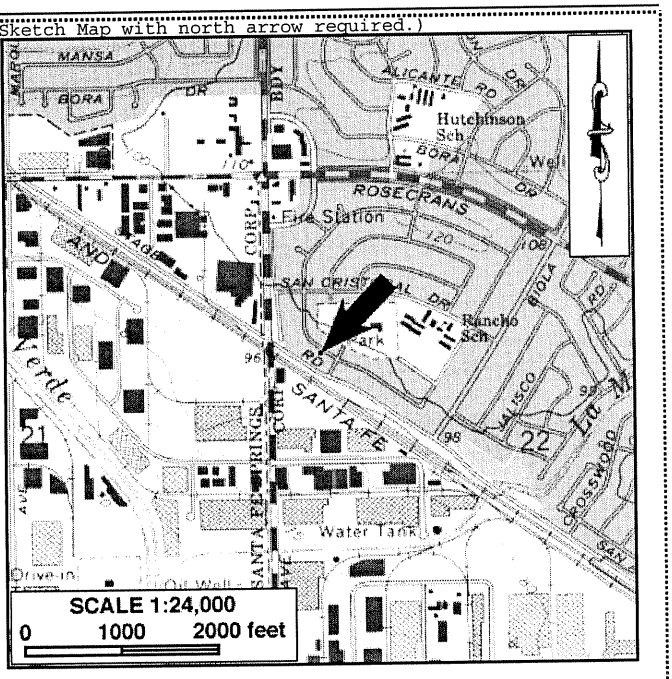
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-34H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. Architectural Style: Ranch Influence
*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Walter B. and Louise Krueger purchased the home in 1955. Later alterations include a 392-square-foot rumpus room and dressing area added in 1962-1965, an 84-square-foot bathroom addition in 1980, and a 324-square-foot enclosed patio constructed in 1980.
*B7. Moved? √ No ____ Yes ____ Unknown Date:_____ Original Location:_____
*B8. Related Features: Fence
B9a. Architect: David Freedman
b. Builder: Devon Construction Company
*B10. Significance: Theme N/A
Area N/A
Period of Significance N/A
Property Type N/A
Applicable Criteria N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes) HP46: Walls/gates/fences
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records
B13. Remarks:
*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard
*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 789-35H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted

*a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14342 San Ardo Drive City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405050 mE/ 3751100 mN

UTM Derivation: __√__ USGS Quad ____ GPS

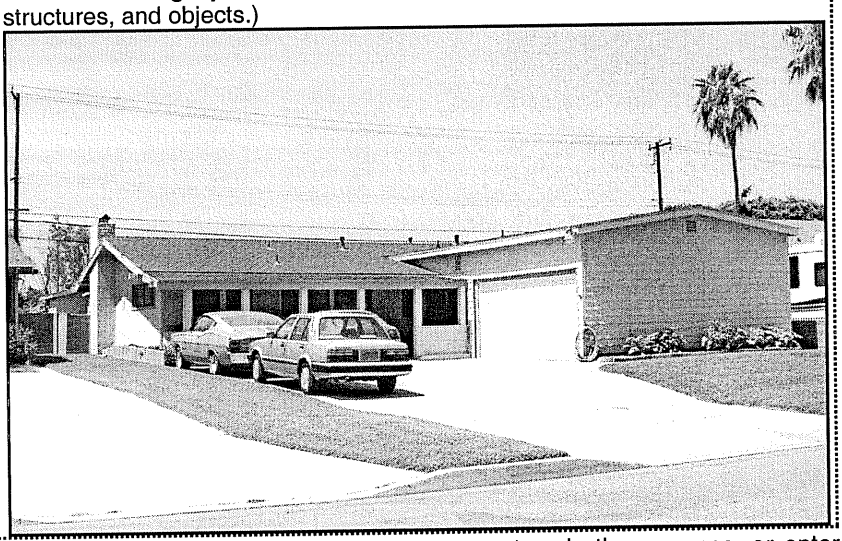
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-003

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story, post-WWII vernacular house is of wood-frame construction and has an L-shape ground plan. The low-pitched cross-gabled roof is covered with composition shingles and is characterized by false beams under the side gables. The asymmetrical façade is clad with horizontal clapboards and features aluminum-framed double-hung and sliding windows. The front porch is an open veranda, supported by square wood posts resting on cut stone railing.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southwest

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
James E. & Earlene Lipsey, 14342 San Ardo Drive, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-35H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Clarence H. and Enid Chatfield purchased the home in 1955. Later alterations include a 179-square-foot tool shed and hobby shop added in 1956, a 270-square-foot aluminum patio cover with a screened enclosure installed in 1978, and another screened aluminum patio added in 1979.

*B7. Moved? √ No ____Yes ____Unknown Date:_____ Original Location:

*B8. Related Features: None

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)

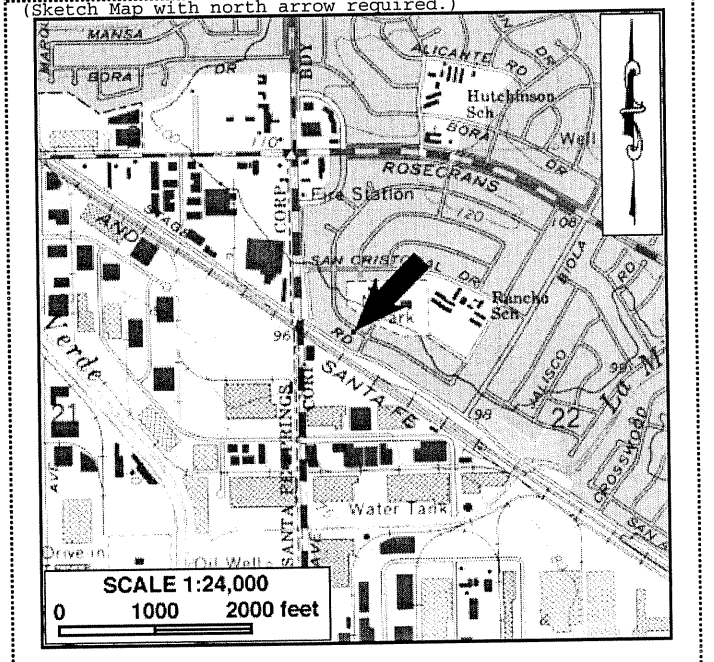
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-36H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14348 San Ardo Drive City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405060 mE/ 3751080 mN

UTM Derivation: √ USGS Quad ____ GPS

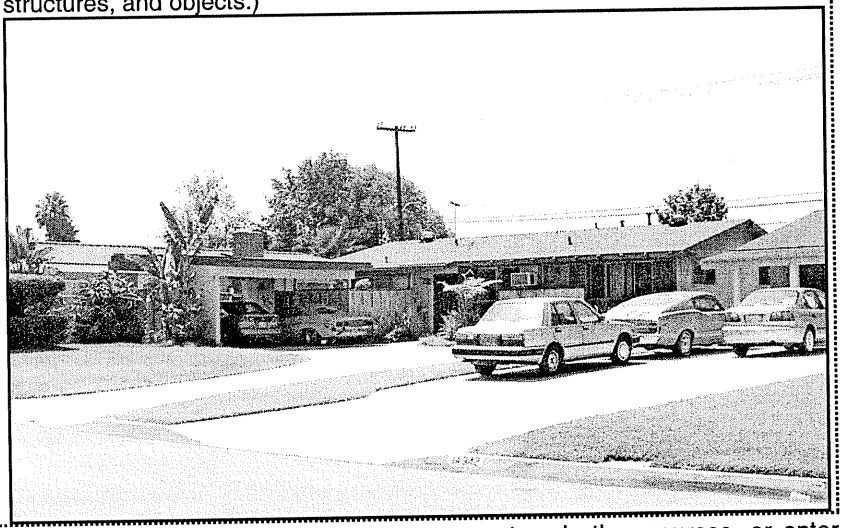
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-002

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story, post-WWII vernacular house is of wood-frame construction and has an L-shape ground plan. The low-pitched side-gabled roof over the main structure is connected to the shed roof over a carport and a small, attached shed in the front, all of which is covered with composition shingles. The roof has exposed rafters and false beams under the gables. The asymmetrical façade is clad primarily in stucco with a wood veneer in the front. Most windows are aluminum-framed with sliding sashes. A small wood fence links the house to the carport.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the south

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Rudolph R. & Ester Casillas, 14348 San Ardo Drive, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-36H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Rudolph and Ester Casillas purchased the home in 1955.

*B7. Moved? √ No ____ Yes ____ Unknown Date: ____ Original Location: ____

*B8. Related Features: Carport, fence

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

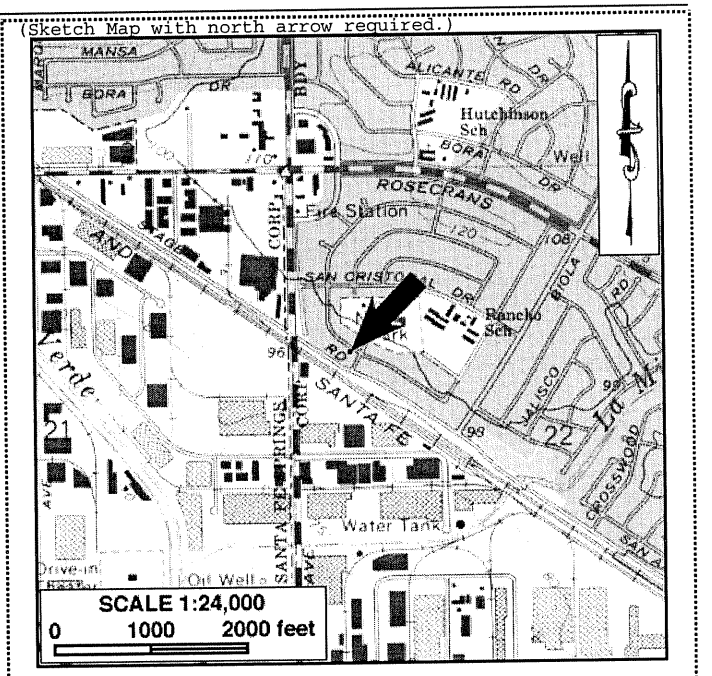
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-37H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14508 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 404980 mE/ 3751330 mN

UTM Derivation: __√__ USGS Quad ____ GPS

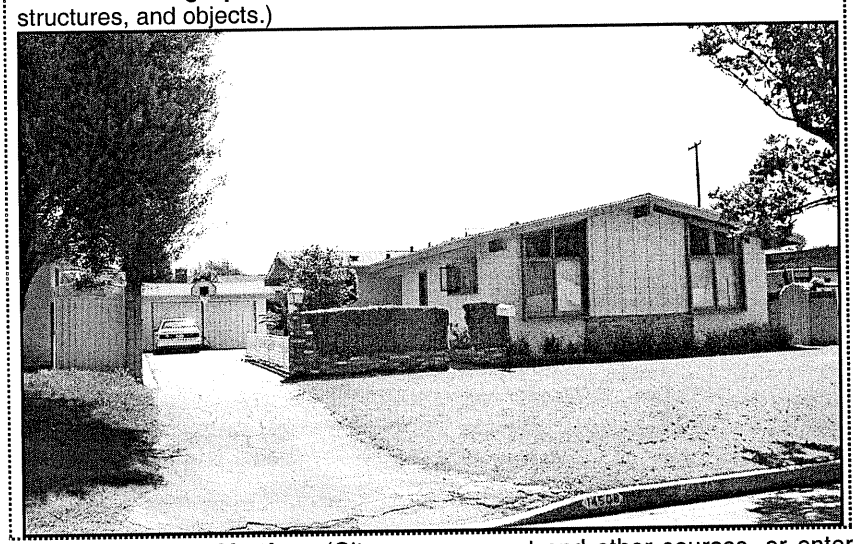
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-032-012

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and is built upon an L-shape ground plan. The cross-gabled roof, covered with composition shingles, is characterized by three false beams located under the gable ends. The exterior walls feature several cladding materials including stucco, stone veneer, and vertical wood boards. The entry porch is recessed and does not face the street. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Uriel Garcia, 14508 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-37H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Frank L. Elwell acquired the home in 1955. Later alterations include a 400-square-foot rumpus room added in 1964 and a retaining wall built in 1986.

*B7. Moved? √ No ____ Yes ____ Unknown Date: Original Location:

*B8. Related Features: Detached garage, wall

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

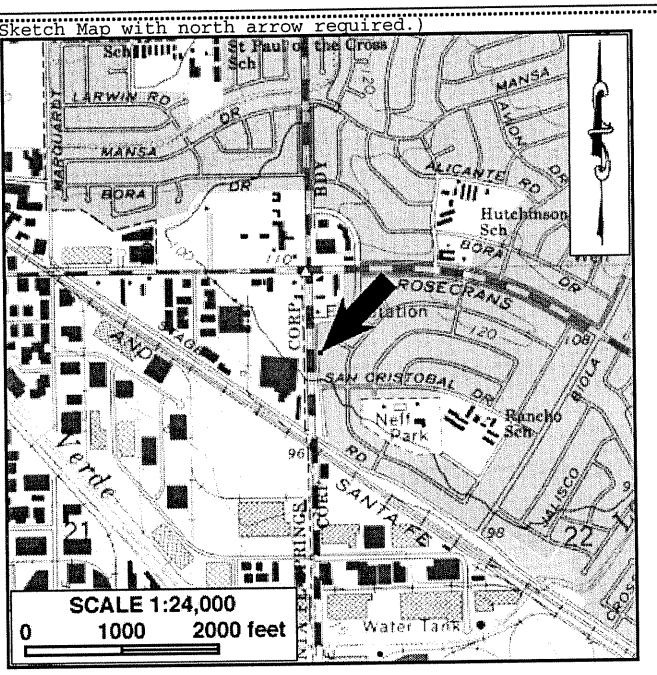
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2

*Resource Name or # (Assigned by recorder) CRM TECH 789-38H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted

*a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14514 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 404980 mE/ 3751310 mN

UTM Derivation: √ USGS Quad ____GPS

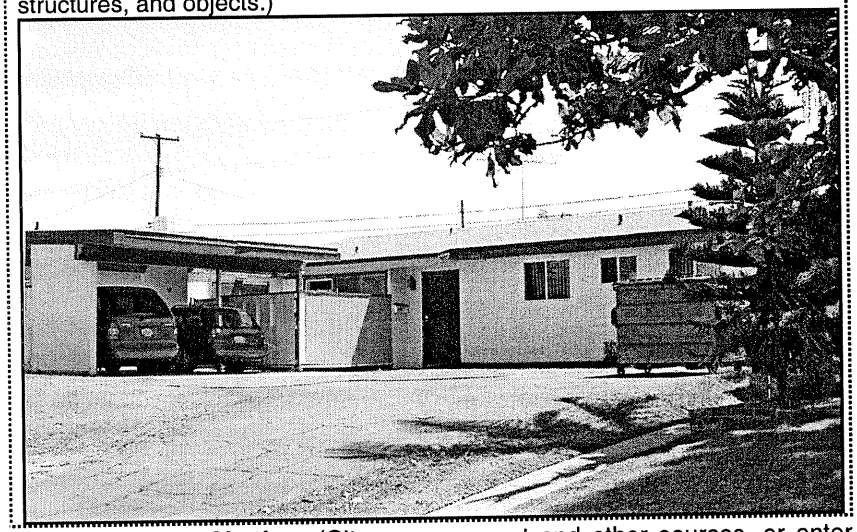
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-032-013

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story house is of wood-frame construction and has an L-shape ground plan. The low-pitched side-gabled roof is connected to the shed roof over a carport and a small, attached shed in the front, all of which is covered with composition shingles. The roof has exposed rafters under the wide eaves and false beams under the gable ends. The asymmetrical façade is clad in stucco. Most windows are aluminum-framed with sliding sashes. A small wood fence links the house to the carport.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Lawrence & Leaseley Jairam, 14514 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-38H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Jay E. Gordon purchased the home in 1955. Later alterations include a patio cover installed in the back yard in 1985 and the replacement of windows and stuccoing of the front of the house in 2000.

*B7. Moved? √ No ____ Yes ____ Unknown Date:____ Original Location:____

*B8. Related Features: Carport

B9a. Architect: David Freedman b. Builder: Devon Construction Company

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

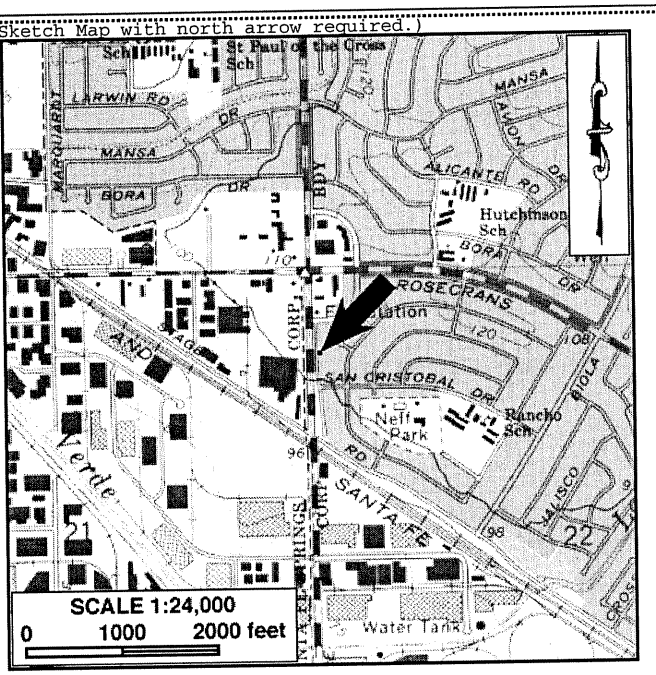
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



*Required information

(This space reserved for official comments.)

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-39H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14520 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 404980 mE/ 3751290 mN

UTM Derivation: √ USGS Quad ____GPS

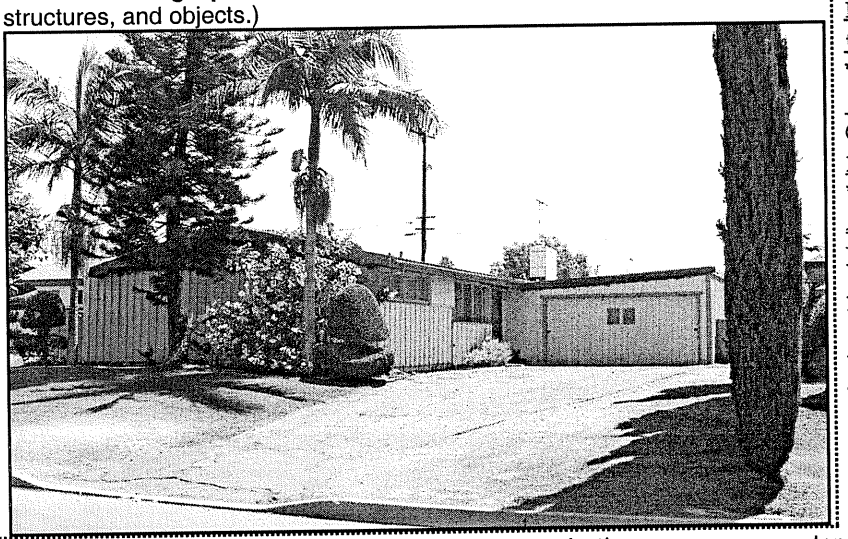
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-032-014

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has an L-shape ground plan. The roof is front-gabled with a shed roof over the attached garage, both of which are sheathed in composition shingles. The asymmetrical façade features both stucco and vertical board-and-batten as exterior cladding materials. Fenestration includes a large aluminum-framed window at the peak of the front-facing gable and a number of wood-framed casement windows.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
__√__ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Armando & Sandra Valencia, 14520 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-39H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Thomas and Judith B. Stenglein purchased the home in 1955. A 410-square-foot rumpus room was added in 1964-1965.

*B7. Moved? √ No ____Yes ____Unknown Date:____ Original Location:____

*B8. Related Features: None

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)

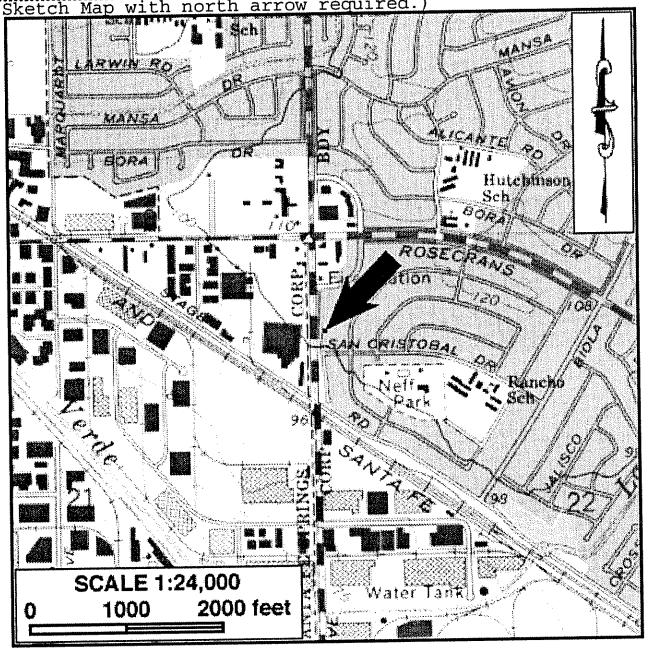
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-40H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14528 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 404980 mE/ 3751270 mN

UTM Derivation: √ USGS Quad ____GPS

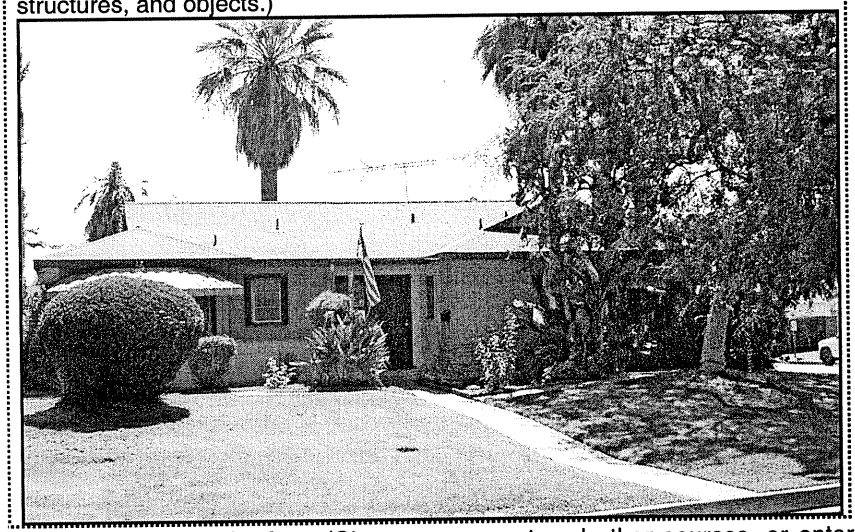
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-032-015

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This wood-framed single-family residence is one-story and has an L-shape plan. The low-pitched gable-on-hip roof is covered with composition shingles. The asymmetrical façade features various exterior cladding materials, including vertical board-and-batten, stone veneer, and stucco. The majority of windows appear to be wood-frame casements and double-hungs. Two large front windows have awnings. The small, recessed porch is off-centered and is flanked by two small windows. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:

√ Historic ____Prehistoric ____Both

Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:

Carlos A. & Lourdes Bonnett, 14528 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)

Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-40H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Ranch Influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Gladys C. and Newtie A. Jones purchased the home in 1955. Later alterations include a 666-square-foot room addition in 1990 and a 200-square-foot patio in the same year.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

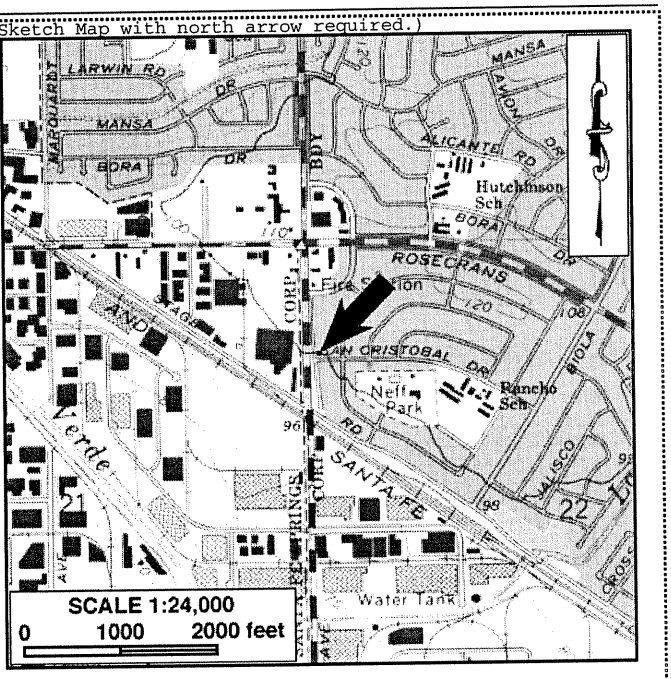
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-41H

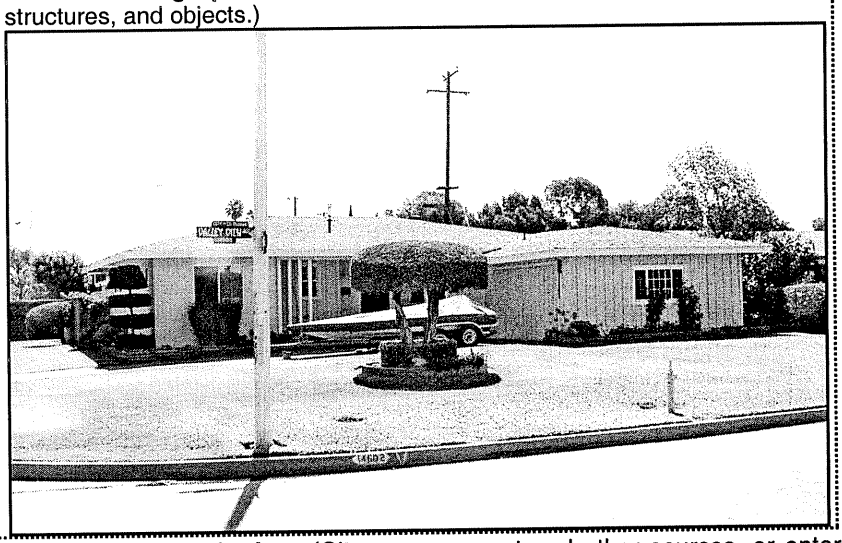
P1. Other Identifier:
*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)
*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant
c. Address 14602 Valley View Road City La Mirada Zip 90638
d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751240 mN
UTM Derivation: √ USGS Quad ____GPS
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-014

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has an L-shape ground plan. The low-pitched cross-hip roof is covered with composition shingles. The asymmetrical façade features a variety of cladding materials, including stucco, vertical flush boards, and board-and-batten. Fenestration consists entirely of aluminum-framed sliding windows. The recessed porch is off-centered and issupported by four rectangular wood posts.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the east

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Richard C. Ueberroth et al., 14602 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet __√__Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

Page 2 of 2

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-41H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Wallace H. Henschel purchased the home in 1955. A patio was added in 1975.

*B7. Moved? √ No ____Yes ____Unknown Date:____ Original Location:____

*B8. Related Features: Detached garage

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

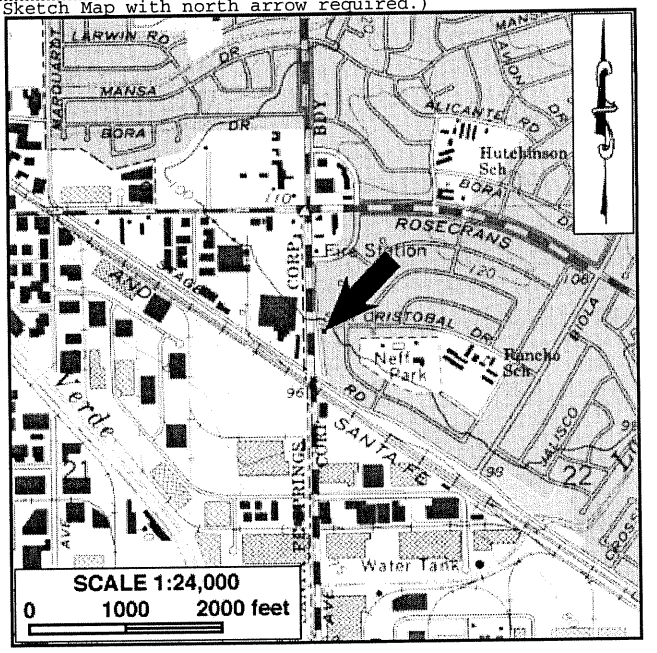
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-42H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14610 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751220 mN

UTM Derivation: √ USGS Quad ____GPS

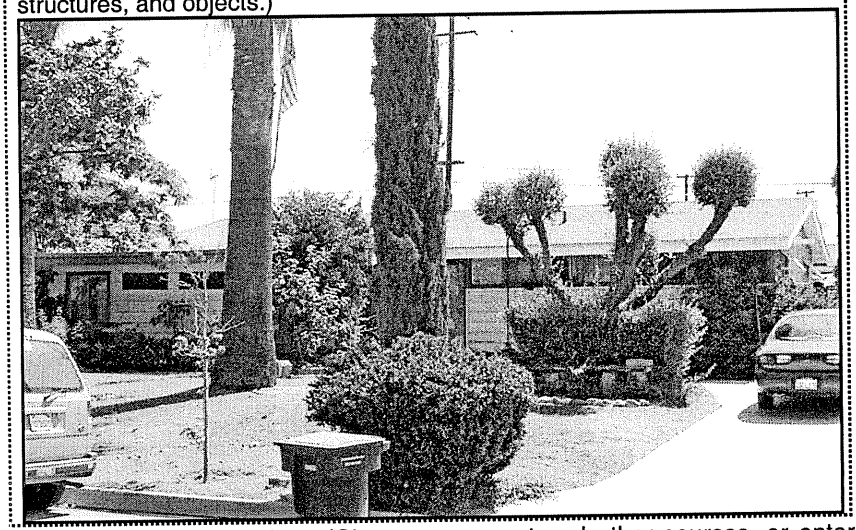
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-015

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has an L-shape ground plan. The side-gabled roof, covered with composition shingles, is characterized by three false beams under the side gables. Exterior cladding materials on the asymmetrical façade include stucco and vertical flush boards. The majority of fenestration is composed of wood-frame casement windows with aluminum-framed sliding windows in a front addition. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Gilbert & Jane G. Cadena, 14610 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

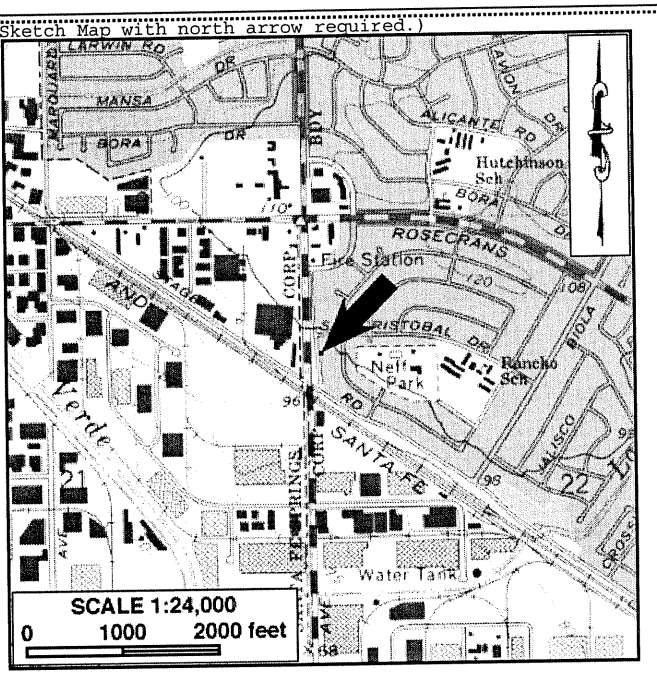
BUILDING, STRUCTURE, AND OBJECT RECORD

Primary #_____
HRI #_____

*NRHP Status Code 6Y
*Resource Name or # (Assigned by recorder) CRM TECH 789-42H

B1. Historic Name: None
B2. Common Name: None
B3. Original Use: Residential
B4. Present Use: Residential
*B5. **Architectural Style:** Ranch Influence
*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Edward Zewes purchased the home in 1955.
*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____
*B8. **Related Features:** None
B9a. Architect: David Freedman
b. Builder: Devon Construction Company
*B10. **Significance:** **Theme** N/A **Area** N/A
Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A
(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.
B11. Additional Resource Attributes: (List attributes and codes)_____
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records
B13. Remarks:_____
*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard
***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-43H

P1. Other Identifier:

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14618 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751200 mN
UTM Derivation: __√__ USGS Quad ____ GPS

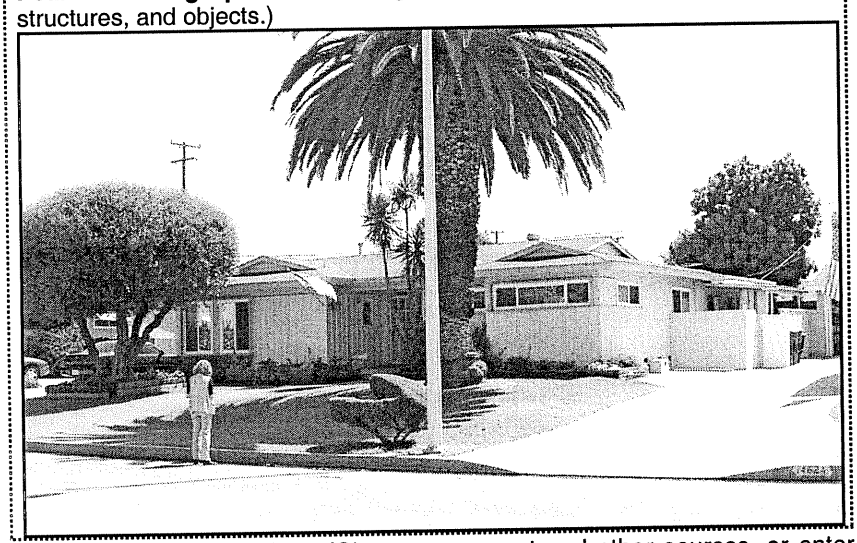
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-016

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) A one-story house, this wood-framed single-family residence has a U-shape ground plan. The roof is gable-on-hip with the two small extensions at each corner, all covered with composition shingles. Exterior wall surface materials include stucco, vertical boards, and stone veneer. Fenestration is composed of aluminum-framed sliding windows. There is a recessed porch that is centered. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Joseph W. & Gail M. Shine, 14618 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: ____None ____Location Map ____Continuation Sheet __√__ Building, Structure, and Object Record
____Archaeological Record ____District Record ____Linear Resource Record ____Milling Station Record
____Rock Art Record ____Artifact Record ____Photograph Record ____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-43H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Ranch Influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. John A. and Sandra Mackey purchased the home in 1955. A 750-square-foot playroom and bedroom were added in 1965.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

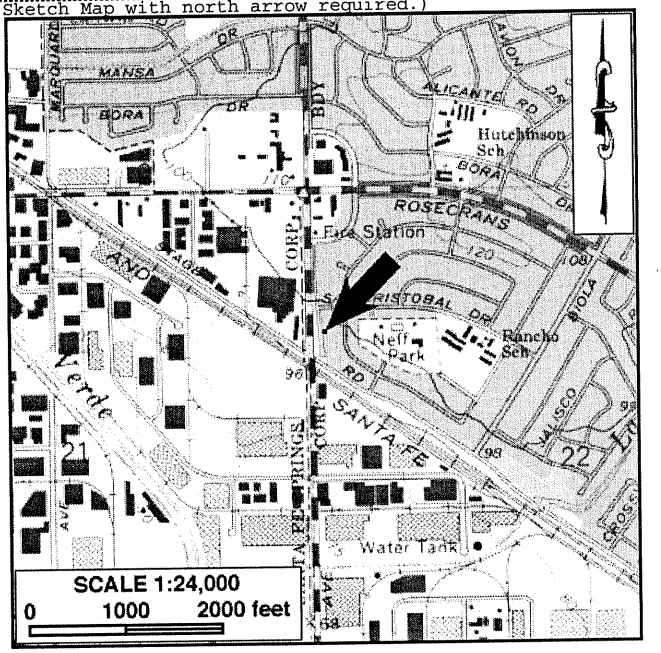
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-44H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14624 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751170 mN

UTM Derivation: √ USGS Quad ____GPS

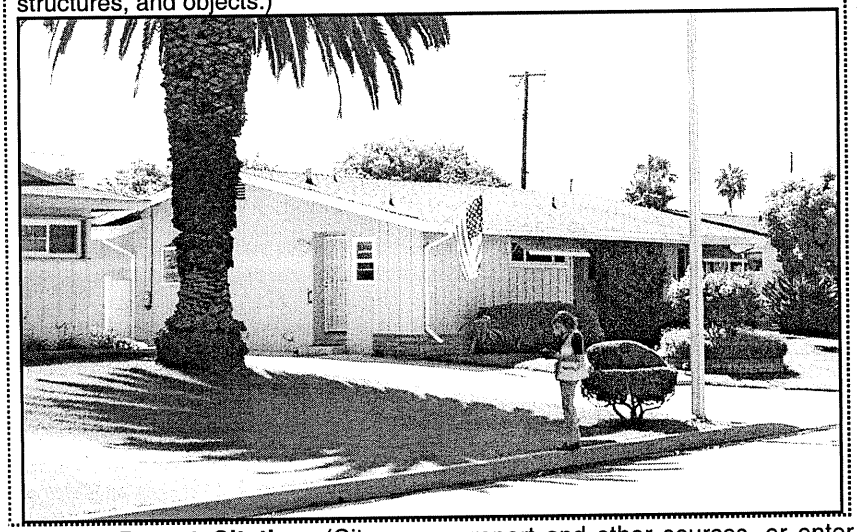
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-017

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has an L-shape ground plan. The low-pitched side-gabled roof is sheathed in composition shingles. The asymmetrical façade is clad in a various materials, including vertical board-and-batten, vertical flush boards, stucco on the sides, and a stone veneer border that runs along the bottom of the front and sides of the house. The house features a recessed porch that is just off-center, and is accompanied by a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Jay Orendorff et al., 14624 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-44H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Clarence P. and Lillian J. Young purchased the home in 1955. Later alterations include two additions made in 1965-1967, one measuring 385 square feet and the other 181 square feet.

*B7. Moved? √ No ____ Yes ____ Unknown Date:____ Original Location:____

*B8. Related Features: Detached garage

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

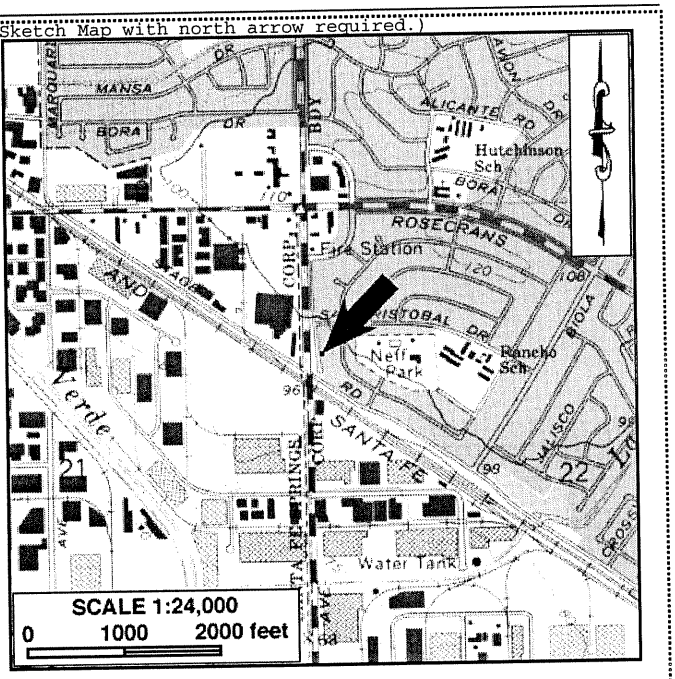
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-45H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14632 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751140 mN

UTM Derivation: __√__ USGS Quad ____ GPS

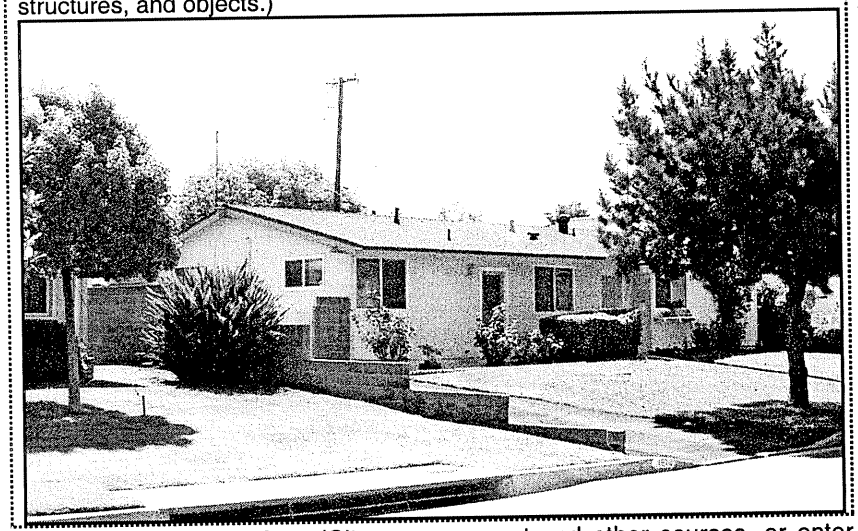
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-018

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has a rectangular ground plan. The low-pitched side-gabled roof is covered with composition shingles. The asymmetrical façade features a stucco exterior with horizontal clapboards on the southern side of the front façade and vertical board-and-batten below the window at the northern side. Fenestration is composed of aluminum-framed sliding windows. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
__√__ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Jose & Sandra F. Dominguez, 14632 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-45H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Ranch Influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Stanley A. Jr. and Doris J. La Fontaine purchased the home in 1955. A 300-square-foot family room was added in 1988.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

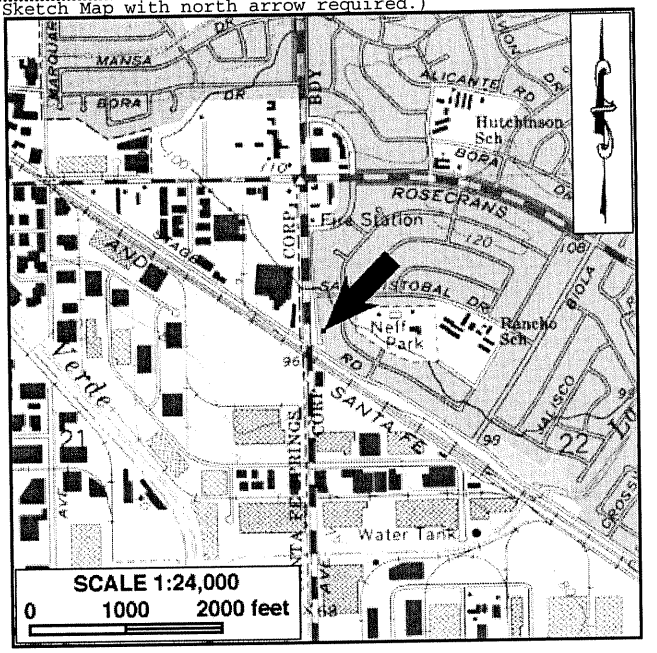
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-46H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14638 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751120 mN
UTM Derivation: __√__ USGS Quad ____ GPS

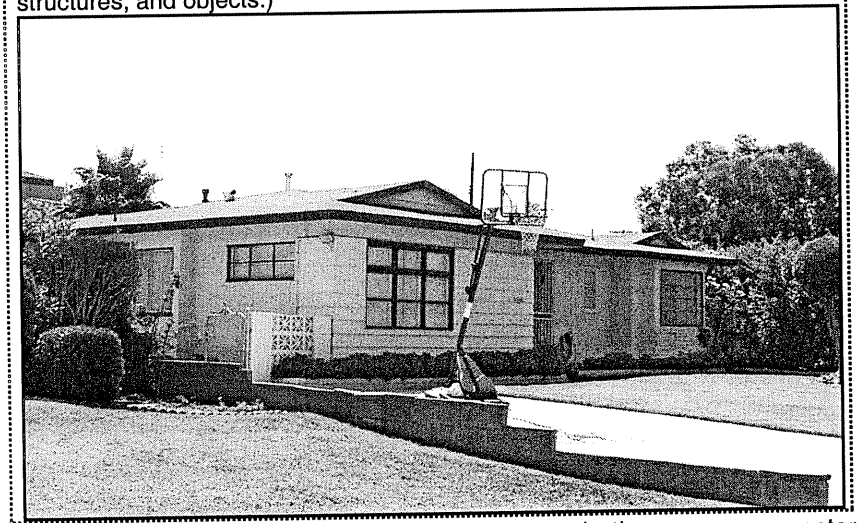
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-019

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story single-family residence is of wood-frame construction and has a slight U-shape ground plan. The low-pitched gable-on-hip roof is covered with composition shingles. The asymmetrical façade features various exterior cladding materials, including stucco, horizontal clapboards, and painted stone veneer. The majority of fenestration is composed of wood-framed casement windows. There is a security gate at the front entry porch. The house has a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: __√__ Building ____ Structure ____ Object ____ Site ____ District ____ Element of District ____ Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
__√__ Historic ____ Prehistoric ____ Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Ronaldo & Mara Magpantay, 14638 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-46H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Ranch Influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Paul W. and Jean Bolock purchased the home in 1955.

*B7. **Moved?** √ No ____Yes ____Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** Detached garage

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building

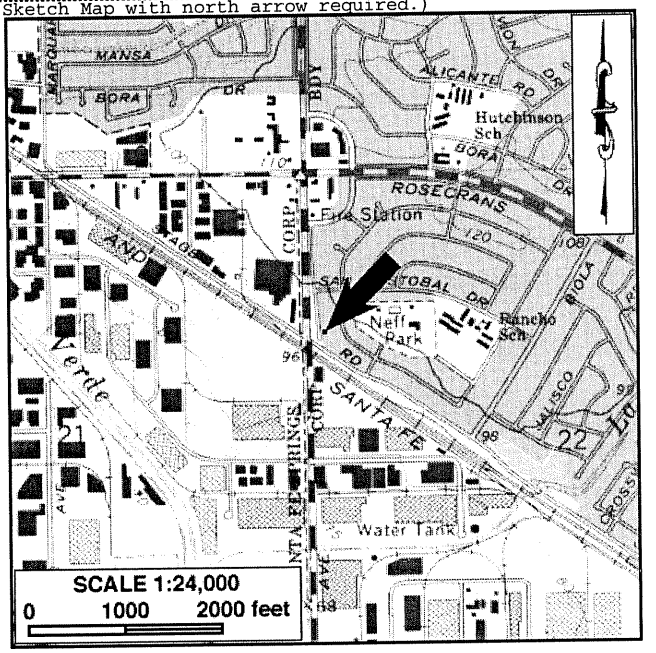
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-47H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication √ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14644 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751100 mN

UTM Derivation: √ USGS Quad ____GPS

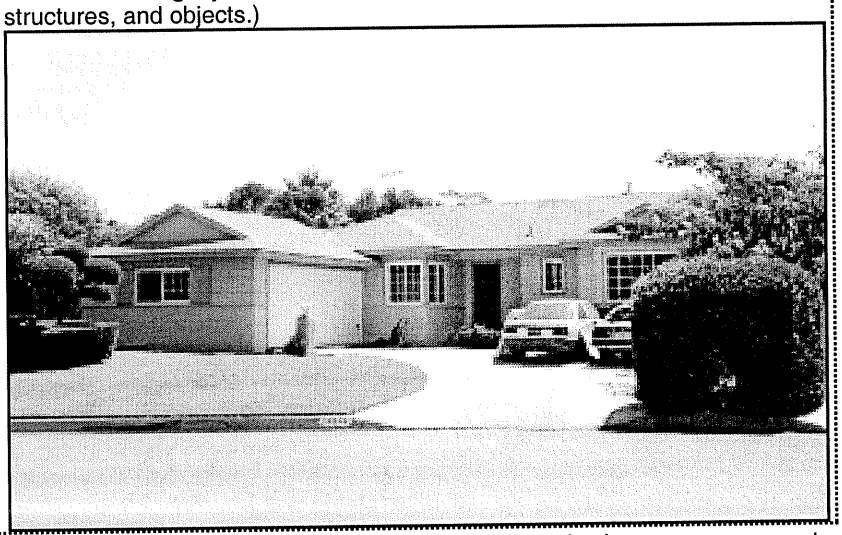
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-020

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This wood-framed single-family residence is one-story and has a U-shape ground plan. The gable-on-hip roof is sheathed in composition shingles. The asymmetrical façade features wood shingles on the upper portion with stucco covering the lower portion, except a small patch of stone veneer near the southwestern corner of the house. Fenestration is composed entirely of vinyl-framed sliding and fixed windows. The shallow entry-porch is recessed and off-centered.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Ralph & Lailla Vincent, 14644 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet √ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-47H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. **Architectural Style:** Ranch Influence

*B6. **Construction History:** (Construction date, alterations, and date of alterations) This house was evidently constructed in 1954 by Devon Construction Company along with the others on the same tract. In 1955 Robert O. Reinhart acquired the house.

*B7. **Moved?** √ No ____ Yes ____ Unknown **Date:**_____ **Original Location:**_____

*B8. **Related Features:** None

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. **Significance:** **Theme** N/A **Area** N/A

Period of Significance N/A **Property Type** N/A **Applicable Criteria** N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes)_____

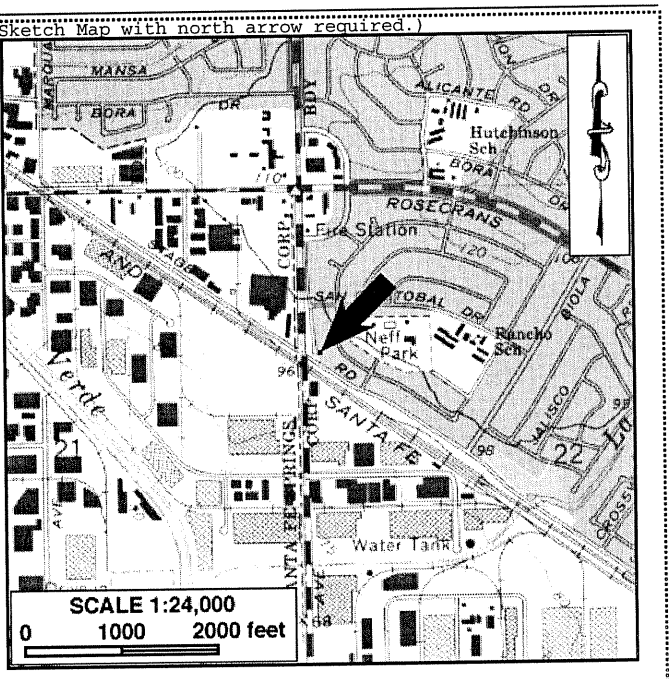
*B12. **References:** Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:_____

*B14. **Evaluator:** Bai "Tom" Tang and Teresa Woodard

***Date of Evaluation:** September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

PRIMARY RECORD

Primary #
HRI #
Trinomial
NRHP Status Code 6Y
Other Listings
Review Code Reviewer Date

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-48H

P1. Other Identifier:

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981
T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14652 Valley View Road City La Mirada Zip 90638

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 405000 mE/ 3751080 mN
UTM Derivation: √ USGS Quad ____GPS

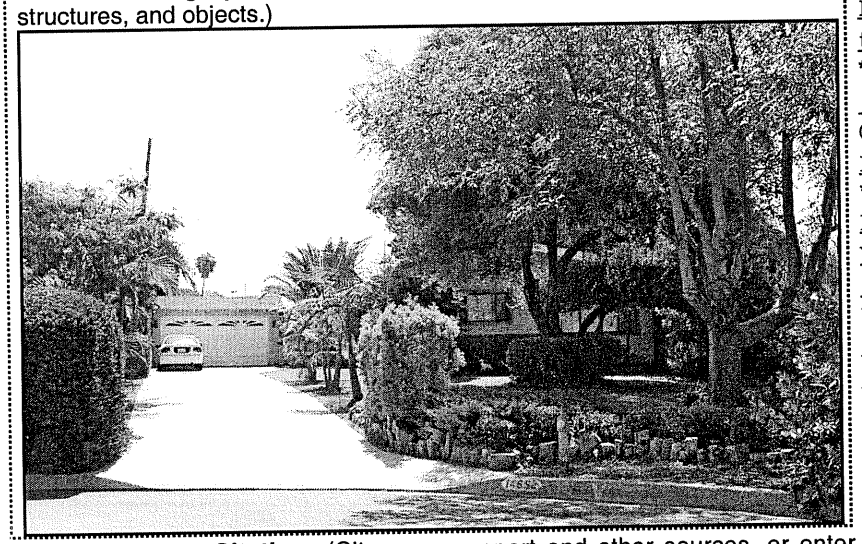
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8061-033-021

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This one-story wood-framed single-family residence is largely obscured from the public roadway by dense plants. The low-pitched front-gabled roof is covered with composition shingles. The exterior walls are clad in stucco and feature aluminum-framed sliding windows. The house has a low brick wall around the front yard, and a detached garage.

*P3b. Resource Attributes: (List attributes and codes) HP2: Single family property

*P4. Resources Present: √ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the southeast

*P6. Date Constructed/Age and Sources:
√ Historic ____Prehistoric ____Both
Construction Date: 1954 (see Items B6 and B12 for details)

*P7. Owner and Address:
Daniel & Martha Castillo, 14652 Valley View Road, La Mirada, CA 90638

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-48H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Residential

B4. Present Use: Residential

*B5. Architectural Style: Ranch Influence

*B6. Construction History: (Construction date, alterations, and date of alterations) According to the records of the City of La Mirada, this house was constructed in 1954 as part of a tract home development by Devon Construction Company. Floyd L. Worth purchased the home in 1955.

*B7. Moved? √ No ____Yes ____Unknown Date:_____ Original Location:_____

*B8. Related Features: Detached garage, wall

B9a. Architect: David Freedman

b. Builder: Devon Construction Company

*B10. Significance: Theme N/A

Area N/A

Period of Significance N/A

Property Type N/A

Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP4: Ancillary building, HP46: Walls/gates/fences

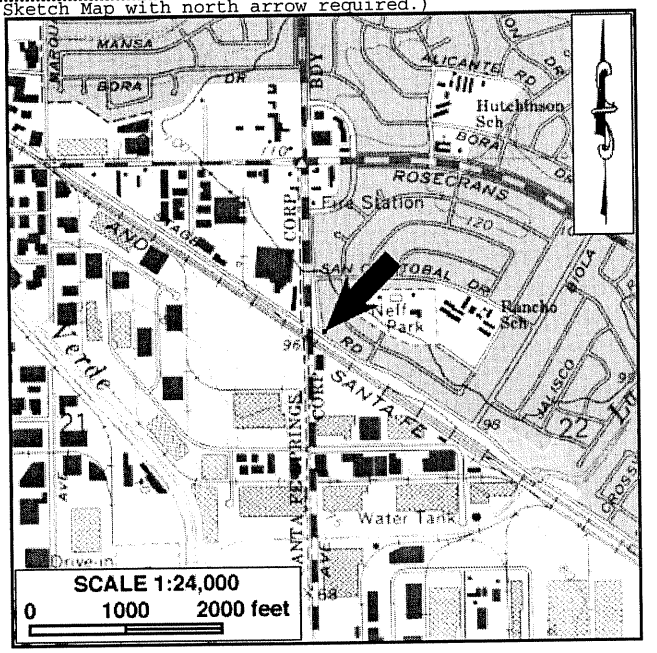
*B12. References: Los Angeles County Assessor's real property assessment records; City of La Mirada building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

*Required information

DPR 523B (1/95)

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Y
Other Listings_____
Review Code_____ Reviewer_____ Date_____

Page 1 of 2 *Resource Name or # (Assigned by recorder) CRM TECH 789-49H

P1. Other Identifier:_____

*P2. Location: ____Not for Publication __√__ Unrestricted *a. County Los Angeles

and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quad Whittier, Calif. Date 1965, photorevised 1981

T3S; R11W; __1/4 of __1/4 of Sec __; S.B. B.M. Within the Los Coyotes land grant

c. Address 14051 Marquardt City Santa Fe Springs Zip 90670

d. UTM: (Give more than one for large and/or linear resources) Zone 11; 404100 mE/ 3751720 mN

UTM Derivation: __√__ USGS Quad ____ GPS

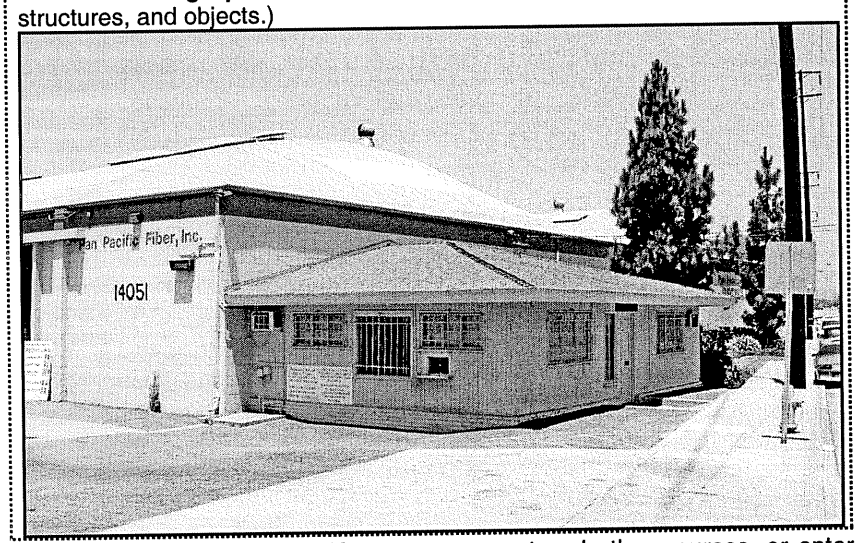
e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) APN 8059-029-007

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) This single-story industrial building consists of a front office of wood-frame construction attached to a large warehouse built of concrete blocks. Both portions have rectangular ground plans. The office has a hip roof covered with composition shingles. Its façade is clad in horizontal clapboards with a one-foot brick veneer along the bottom. Fenestration in the office is composed of wood-framed casement windows with security bars. The warehouse is surmounted by a gently vaulted roof with slightly flared eaves, covered with composition sheets. A roll-up door constitutes the main entrance to the warehouse.

*P3b. Resource Attributes: (List attributes and codes) HP6: 1-3 story commercial building; HP8: Industrial building

*P4. Resources Present: __√__ Building ____Structure ____Object ____Site ____District ____Element of District ____Other

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)



P5b. Description of Photo: (view, date, accession #) Photo taken on July 23, 2002; view to the northwest

*P6. Date Constructed/Age and Sources:
__√__ Historic ____Prehistoric ____Both
Construction Date: 1955-1956 (see Items B6 and B12 for details)

*P7. Owner and Address:
Unknown, 14051 Marquardt, Santa Fe Springs, CA 90670

*P8. Recorded by: (Name, affiliation, and address)
Bai "Tom" Tang and Teresa Woodard, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: July 23, 2002

*P10. Survey Type: Intensive-level historic property survey

*P11. Report Citation: (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

*Attachments: _____None _____Location Map _____Continuation Sheet __√__ Building, Structure, and Object Record
_____Archaeological Record _____District Record _____Linear Resource Record _____Milling Station Record
_____Rock Art Record _____Artifact Record _____Photograph Record _____Other (List):_____

DPR 523A (1/95) *Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #
HRI #

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Y

*Resource Name or # (Assigned by recorder) CRM TECH 789-49H

B1. Historic Name: None

B2. Common Name: None

B3. Original Use: Commercial/industrial B4. Present Use: Commercial/industrial

*B5. Architectural Style: None

*B6. Construction History: (Construction date, alterations, and date of alterations) According to archival records of the City of Santa Fe Springs, this building was constructed in 1955-1956 as the office and storage warehouse of Stewart Plywood Company, which was in operation at this location at the time. The company listed itself as the construction contractor in the building permit application. In 1959, an 8,000-square-foot plywood warehouse was added on the property, but its exact location is unclear. Other than the construction of a block wall and at least two scale pits, no other alterations were recorded. Among later owners of the building were the Stewart Family Trust (1994) and Pan-Pacific Fibers (1996, 1999).

*B7. Moved? √ No ____ Yes ____ Unknown Date: Original Location:

*B8. Related Features: Fence

B9a. Architect: R. A. Graves b. Builder: O. W. Stewart Plywood Company

*B10. Significance: Theme N/A Area N/A

Period of Significance N/A Property Type N/A Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) This building does not meet any of the NRHP criteria.

B11. Additional Resource Attributes: (List attributes and codes) HP46: Walls/gates/fences

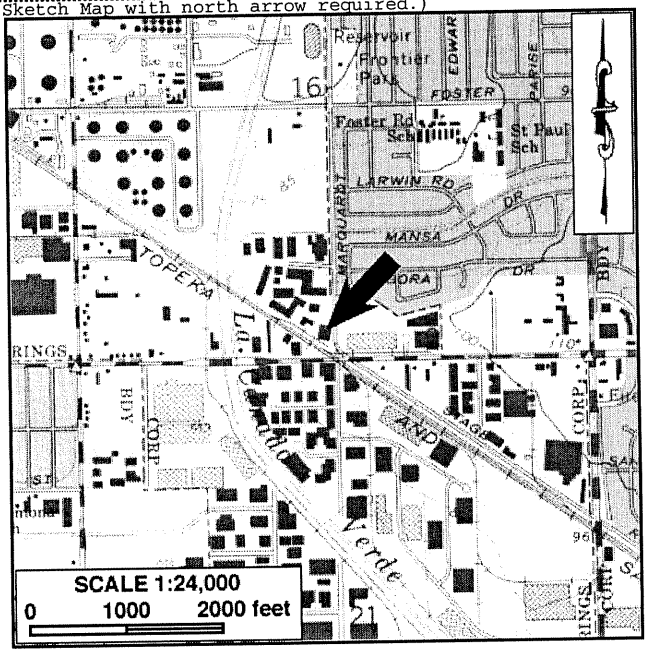
*B12. References: Los Angeles County Assessor's real property assessment records; City of Santa Fe Springs building safety records

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang and Teresa Woodard

*Date of Evaluation: September 2002

(Sketch Map with north arrow required.)



(This space reserved for official comments.)

DPR 523B (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary #_____
HRI #_____
Trinomial_____
NRHP Status Code 6Z
Other Listings_____
Review Code_____ Reviewer_____ Date_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

P1. Other Identifier: Burlington Northern Santa Fe (BNSF, formerly Atchison, Topeka and Santa Fe) Railway

*P2. Location: √ Not for Publication ____ Unrestricted *a. County Los Angeles/Orange
and (P2b and P2c or P2d. Attach a Location Map as necessary.)

*b. USGS 7.5' Quads Los Angeles, Calif. Date 1966, photorevised 1981
South Gate, Calif. Date 1964, photorevised 1981
Whittier, Calif. Date 1965, photorevised 1981
La Habra, Calif. Date 1964, photorevised 1981
Anaheim, Calif. Date 1965, photorevised 1981

T2-3S R10-13W, S.B. B.M. Within the boundaries of the San Juan Cajon de Santa Ana, Los Coyotes, Santa Gertrudes (McFarland and Downey), Santa Gertrudes (Colima), Paso de Bartolo (Sepulveda), Paso de Bartolo (Guirado), and San Antonio (Lugo) land grants

Elevation: Ca. 80-190 feet above mean sea level

c. Address N/A City Fullerton, Buena Park, La Mirada, Santa Fe Springs, Norwalk, Pico Rivera, Montebello, City of Commerce, and Vernon
Zip Code N/A

d. UTM: Zone 11; NW end: 388830 mE/ 3763880 mN; SE end: 417800 mE/ 3747600 mN
UTM Derivation: √ USGS Quad ____ GPS

e. Other Locational Data: (e.g., parcel #, directions to resource, etc., as appropriate) The recorded segment of the railroad extends from Basta (BNSF Mile Post 163.3) in the City of Fullerton to Hobart (M.P. 148.9) in the City of Vernon

*P3a. Description: (Describe resource and its major elements. Include design, materials, condition, alterations, size, setting, and boundaries) The site consists of an approximately 14.7-mile segment of the Burlington Northern Santa Fe (formerly Atchison, Topeka and Santa Fe) Railway. Most of the rail line dates originally to the 1880s. However, as a working railroad after more than 100 years of continuous operation, its current physical characteristics reflect very little of the historic origin. The existing tracks and other associated railroad features are mostly modern in origin, and show no particular historical characteristics today.

*P3b. Resource Attributes: (List attributes and codes) HP37: Railroad

*P4. Resources Present: ____Building ____Structure ____Object √ Site ____District ____Element of District
____Other (isolates, etc.)

P5a. Photograph or Drawing (Photograph required for buildings, structures, and objects.)

(See p. 9)

P5b. Description of Photo: (view, date, accession #) Photos taken on June 21, 2002

*P6. Date Constructed/Age of Sources:
√ Historic ____Prehistoric ____Both 1885-1888 (see Items B6 and B12 for detail)

*P7. Owner and Address:
Burlington Northern Santa Fe Railway Company, 2650 Lou Menk Drive, Fort Worth, TX 76131

*P8. Recorded by: (Name, affiliation, and address)
Daniel Ballester/Bai "Tom" Tang, CRM TECH, 4472 Orange Street, Riverside, CA 92501

*P9. Date Recorded: June-July 2002

*P10. Survey Type: CEQA-compliance survey

(Continued on p. 2)

*Required information

*P11. **Report Citation:** (Cite survey report and other sources, or enter "none.") Bai Tang, Michael Hogan, and Mariam Dahdul (2002): Historical Resources Compliance Report: Third Main Track and Grade Separation Project, Hobart (MP 148.9) to Basta (MP 163.3), BNSF/Metrolink East-West Main Line Railroad Track, Vernon to Fullerton, Los Angles and Orange Counties, California. On file, South Central Coastal Information Center, California State University, Fullerton.

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
Primary #_____
HRI #_____

BUILDING, STRUCTURE, AND OBJECT RECORD

*NRHP Status Code 6Z

*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

B1. Historic Name: Atchison, Topeka and Santa Fe Railway

B2. Common Name: Burlington Northern Santa Fe Railway

B3. Original Use: Railroad B4. Present Use: Railroad

*B5. Architectural Style: N/A

*B6. Construction History: (Construction date, alterations, and date of alterations) Most of the railroad line within this site was constructed in 1885-1888 by the Riverside, Santa Ana and Los Angeles Railway Company, an ATSF subsidiary, as a part of the ATSF main line from Los Angeles to Orange and San Diego. The easternmost segment, measuring approximately 1.5 miles in length, was built in 1910 as a part of the "Fullerton Cutoff," which straightened and shortened the ATSF line between Los Angeles and Riverside. During the heyday of the railroad age, the line was a part of the ATSF's famed "Kite-Shaped Track," one of the most popular tourist attractions in southern California in the 1890s-1910s. Almost all of the physical components of the railroad, however, have been replaced over the years.

*B7. Moved? √ No ____ Yes _____ Unknown Date:_____ Original Location:_____

*B8. Related Features: Bridges, culverts, and other common railroad features (see p. 9)

B9a. Architect: N/A b. Builder: Riverside, Santa Ana and Los Angeles Railway Company

*B10. Significance: Theme Railroad transportation Area California

Period of Significance 1880s Property Type Railroad Applicable Criteria N/A

(Discuss importance in terms of historical or architectural context as defined by theme, period, and geographic scope. Also address integrity.) The railroad line at this site is closely associated with an important event in 19th-century California history, namely the coming of a second transcontinental railroad, which marked the beginning of the end of the Southern Pacific Railway Company's transportation monopoly and contributed directly to the southern California land boom of the 1880s. It is also associated with the emergence of southern California as a favored tourist destiny in the late 19th and early 20th centuries. However, the existing railroad line and its associated features that constitute the site, as working components of the modern transportation infrastructure, do not retain sufficient historic integrity to relate to the site's period of significance. Therefore, the site does not appear eligible for listing in the National Register of Historic Places.

B11. Additional Resource Attributes: (List attributes and codes) HP19: Bridges/culverts

*B12. References: Donald Duke (1991): Kite-Shaped Track Excursion, in *The Branding Iron* (Los Angeles) Summer 1991:8-12; Lee Gustafson and Philip Serpico (1992): *Santa Fe Coast Lines Depots, Los Angeles Division*, Omni Publications, Palmdale, California.

B13. Remarks:

*B14. Evaluator: Bai "Tom" Tang

*Date of Evaluation: November 2002

(Sketch Map with north arrow required.)

(See pp. 4-8)

(This space reserved for official comments.)

*Required information

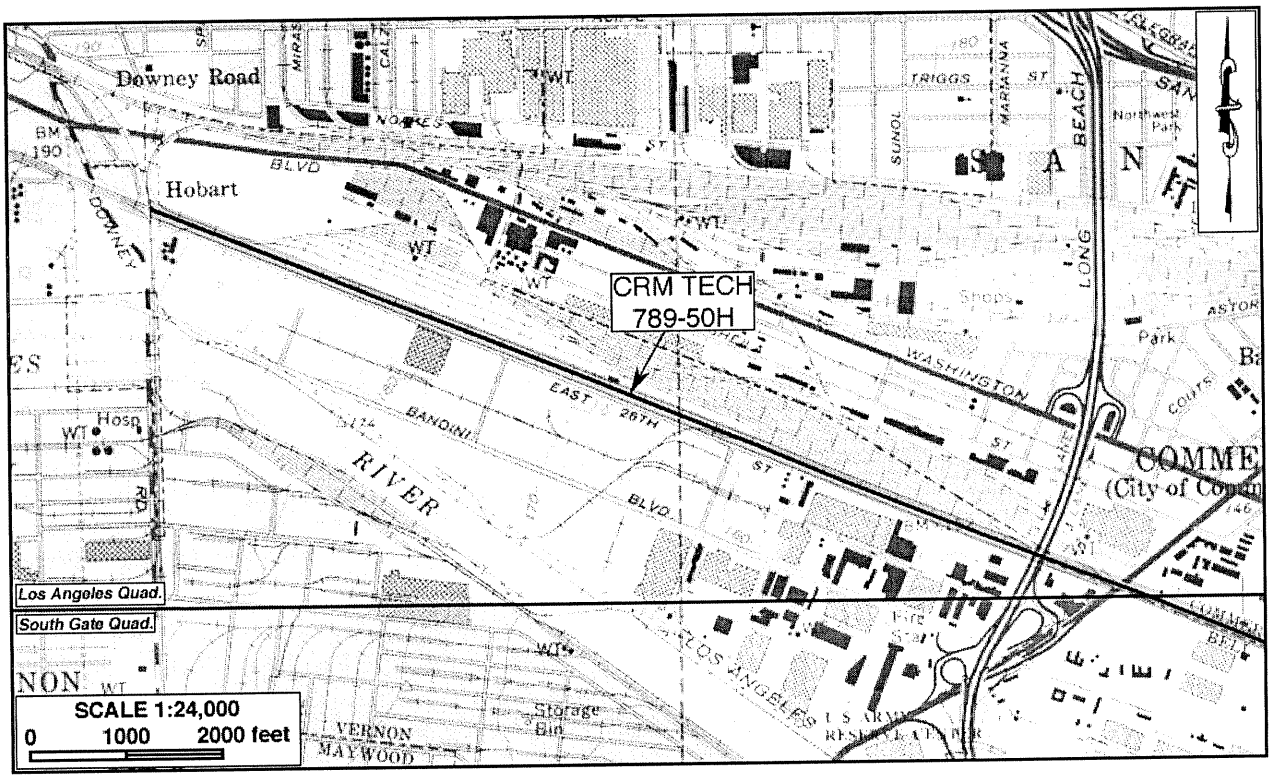
State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

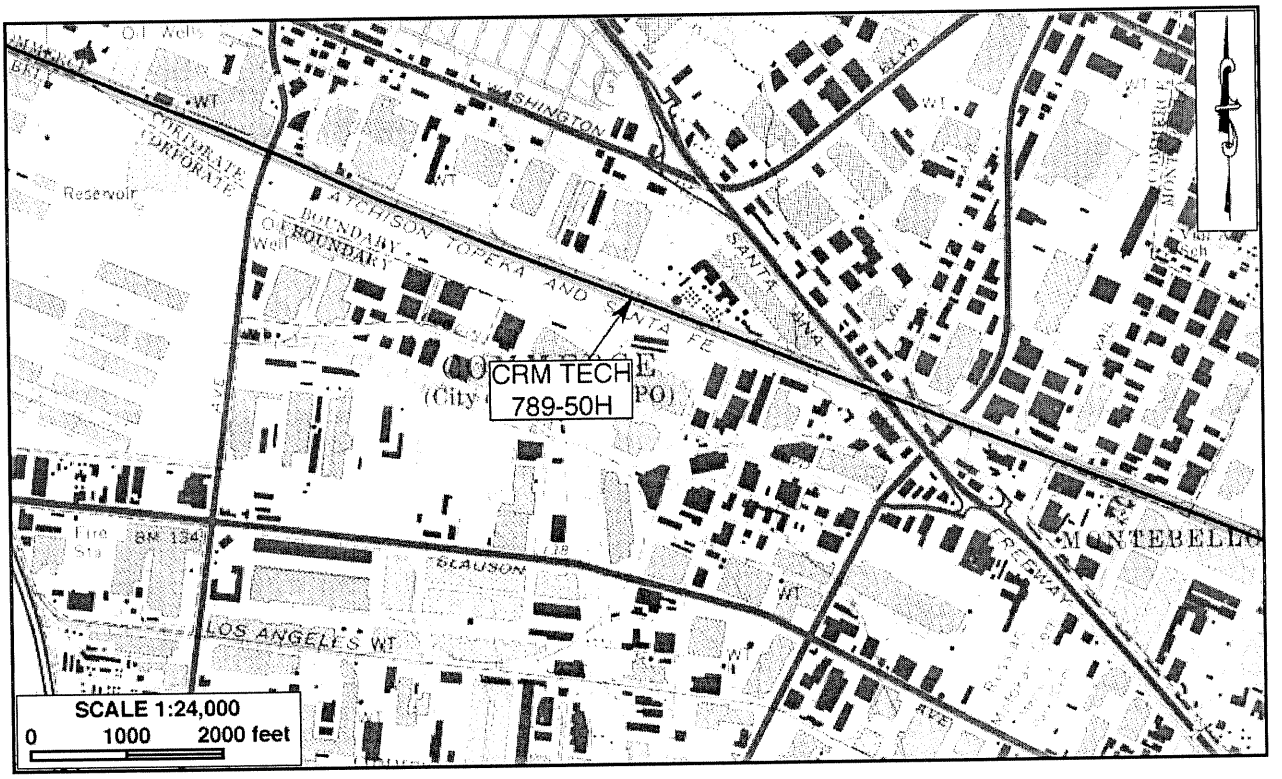
Primary #_____
HRI #_____
Trinomial_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

*Map Name: Los Angeles and South Gate, Calif. *Scale: 1:24,000

*Date of Map: 1964/1966, photorevised 1981





*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial_____

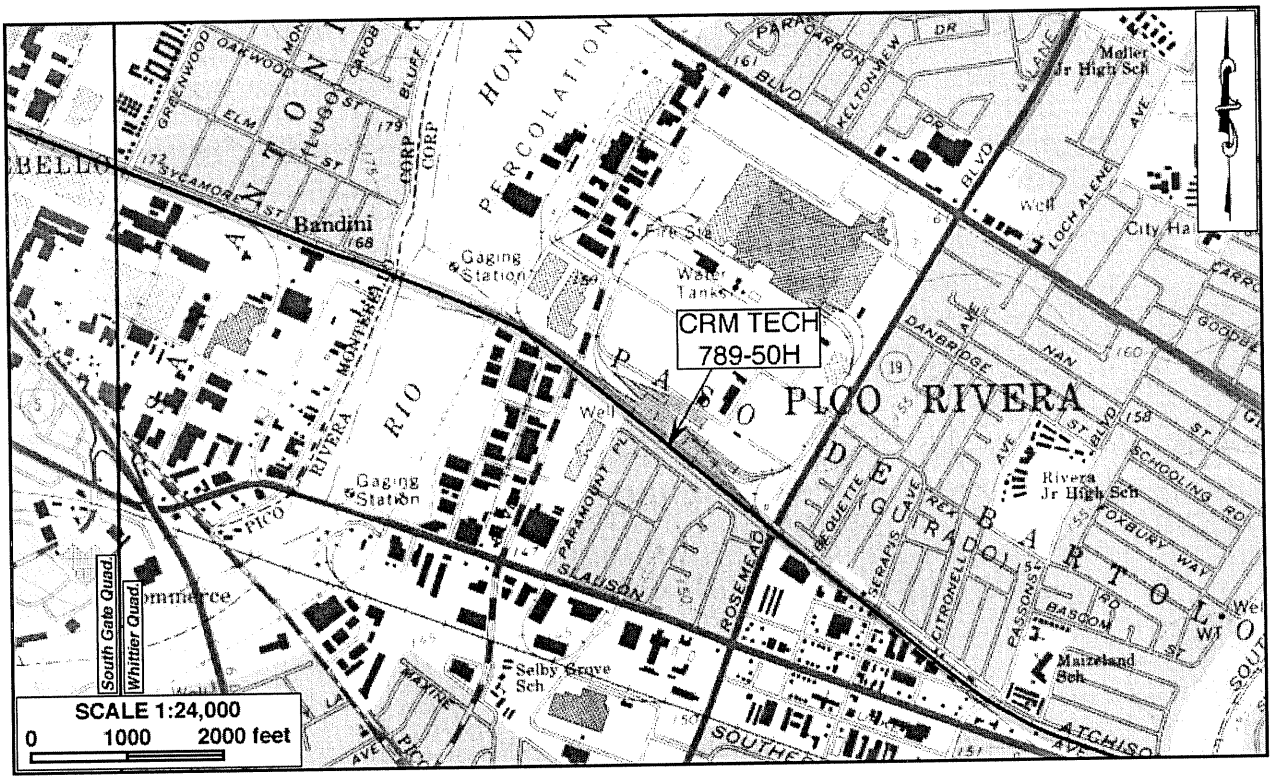
Page 5 of 9

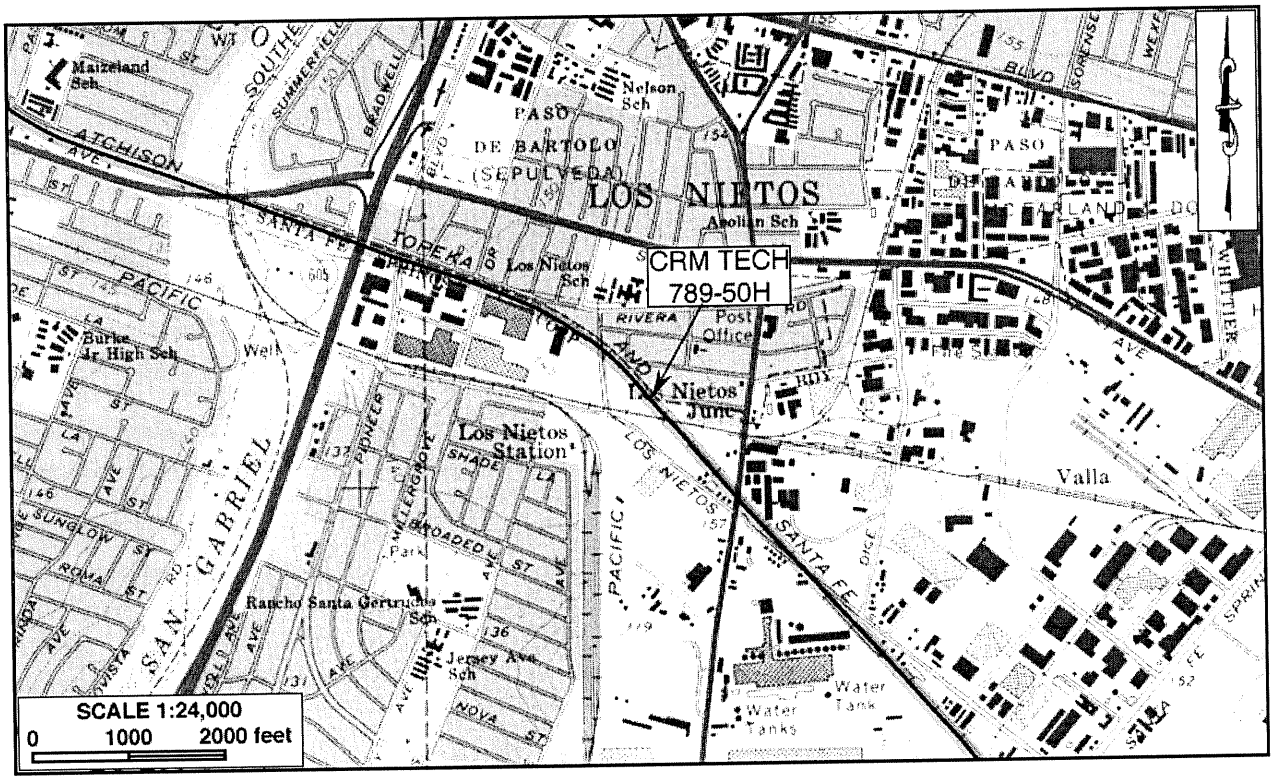
*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

*Map Name: South Gate and Whittier, Calif.

*Scale: 1:24,000

*Date of Map: 1964/1965, photorevised 1981





DPR 523J (1/95)

*Required information

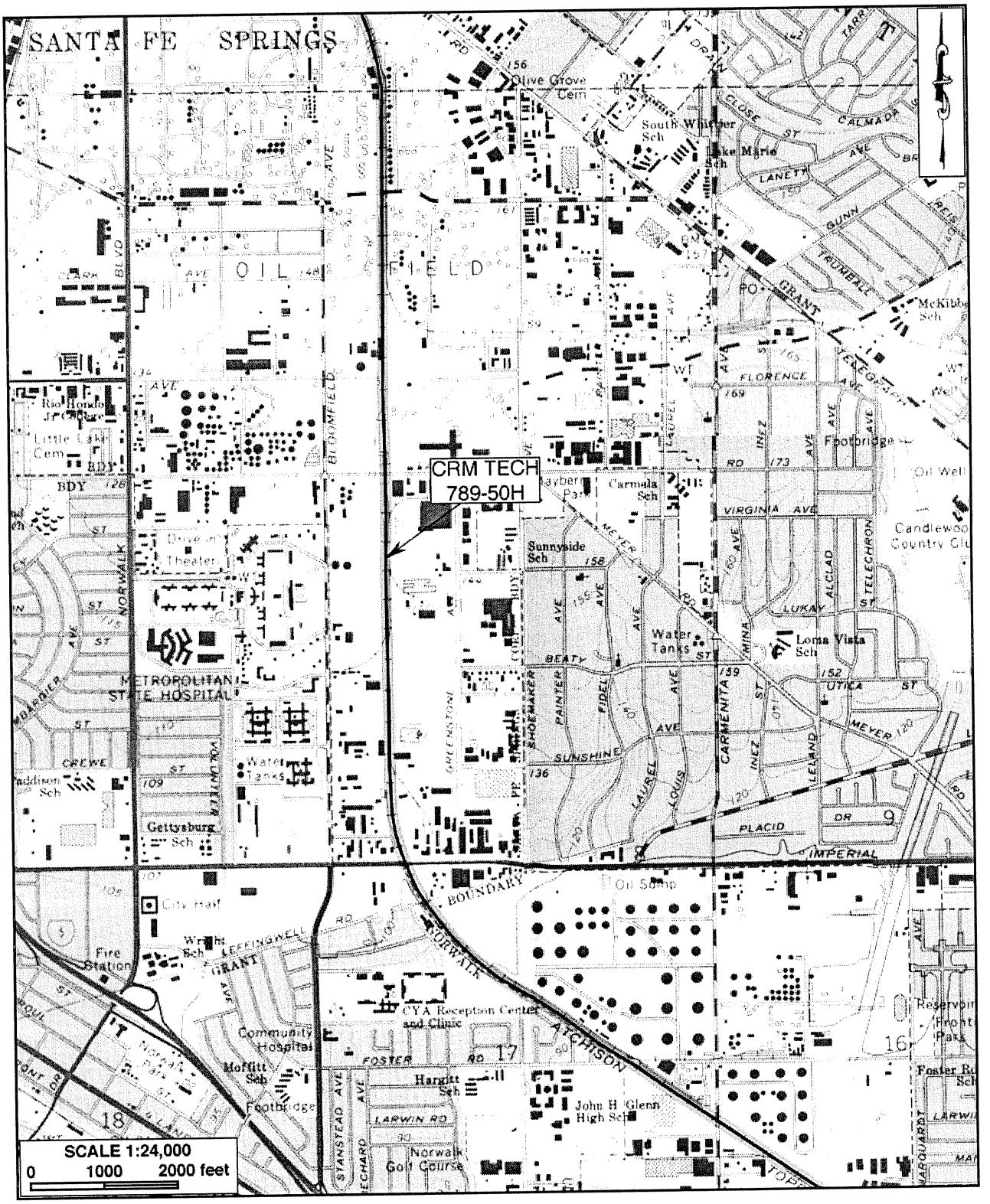
State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
LOCATION MAP

Primary #_____
HRI #_____
Trinomial_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

*Map Name: Whittier, Calif. *Scale: 1:24,000

*Date of Map: 1965, photorevised 1981



*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary #_____
HRI #_____
Trinomial_____

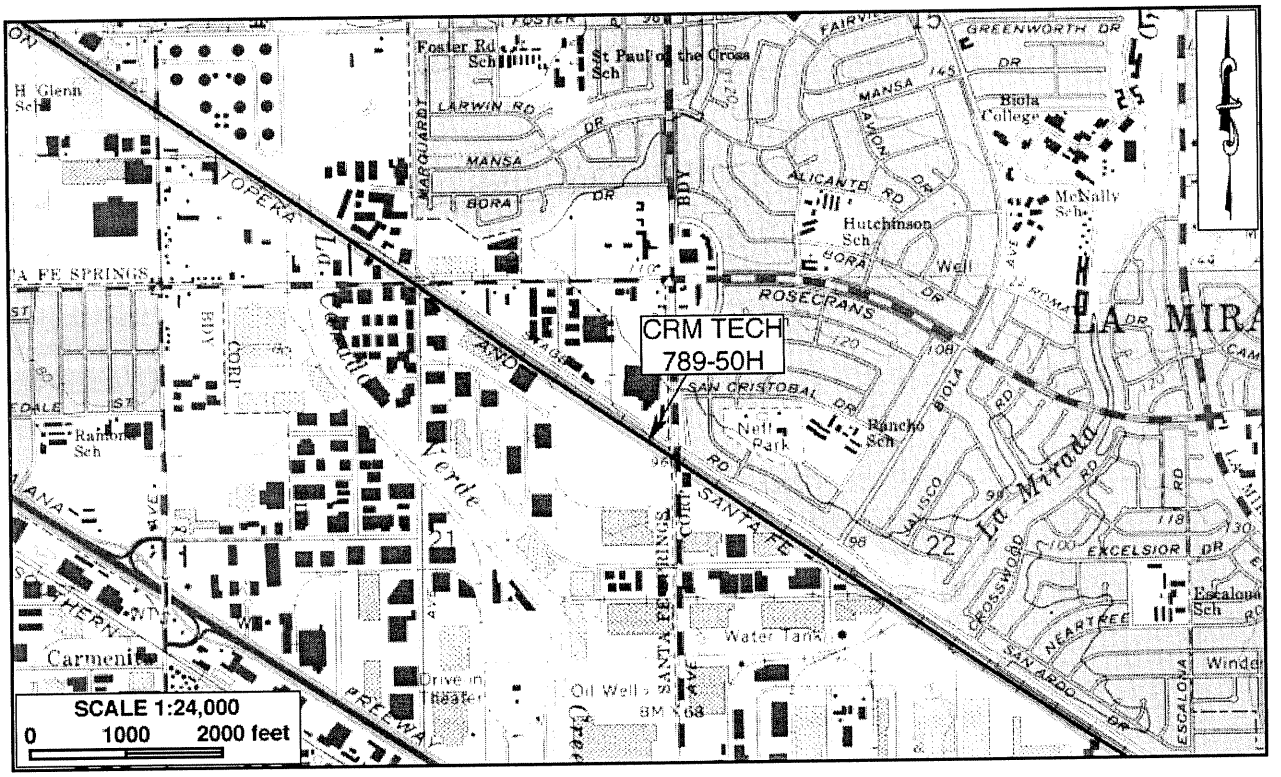
Page 7 of 9

*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

*Map Name: Whittier, La Habra, Los Alamitos, and Anaheim, Calif.

*Scale: 1:24,000

*Date of Map: 1964/1965, photorevised 1981



DPR 523J (1/95)

*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

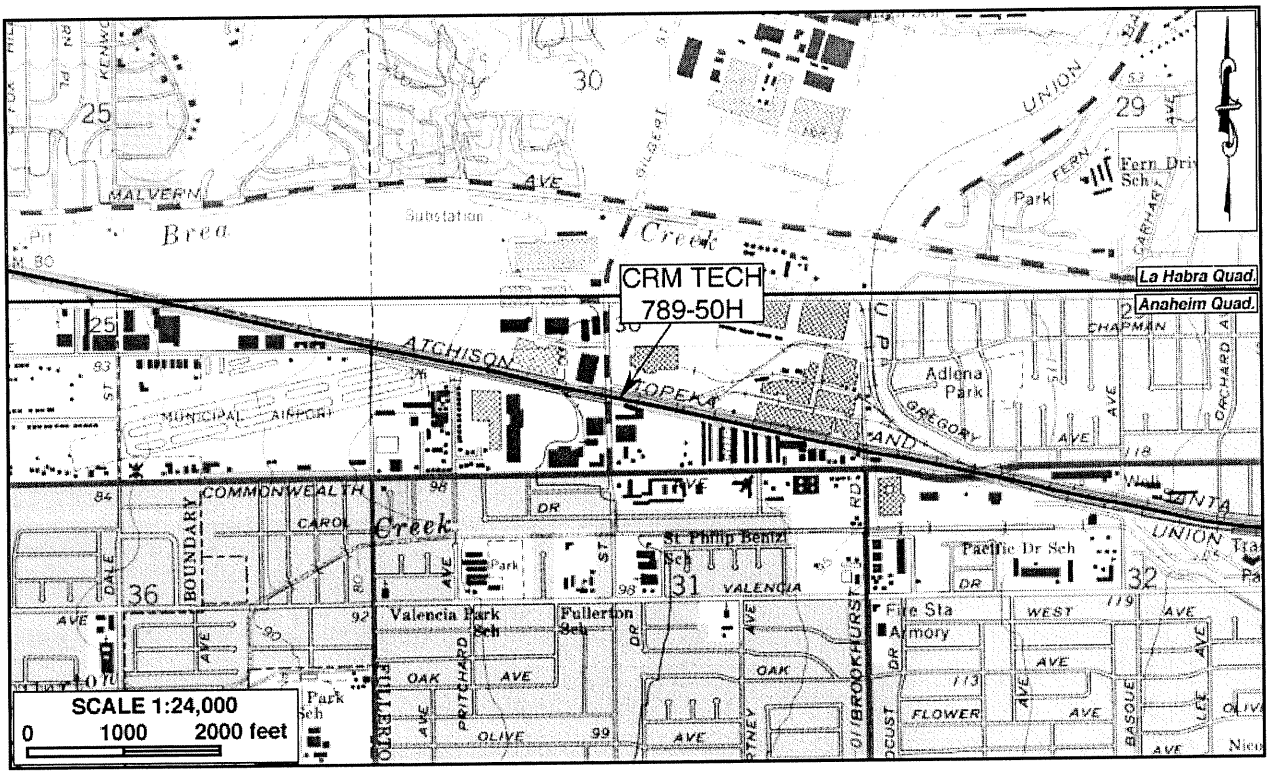
LOCATION MAP

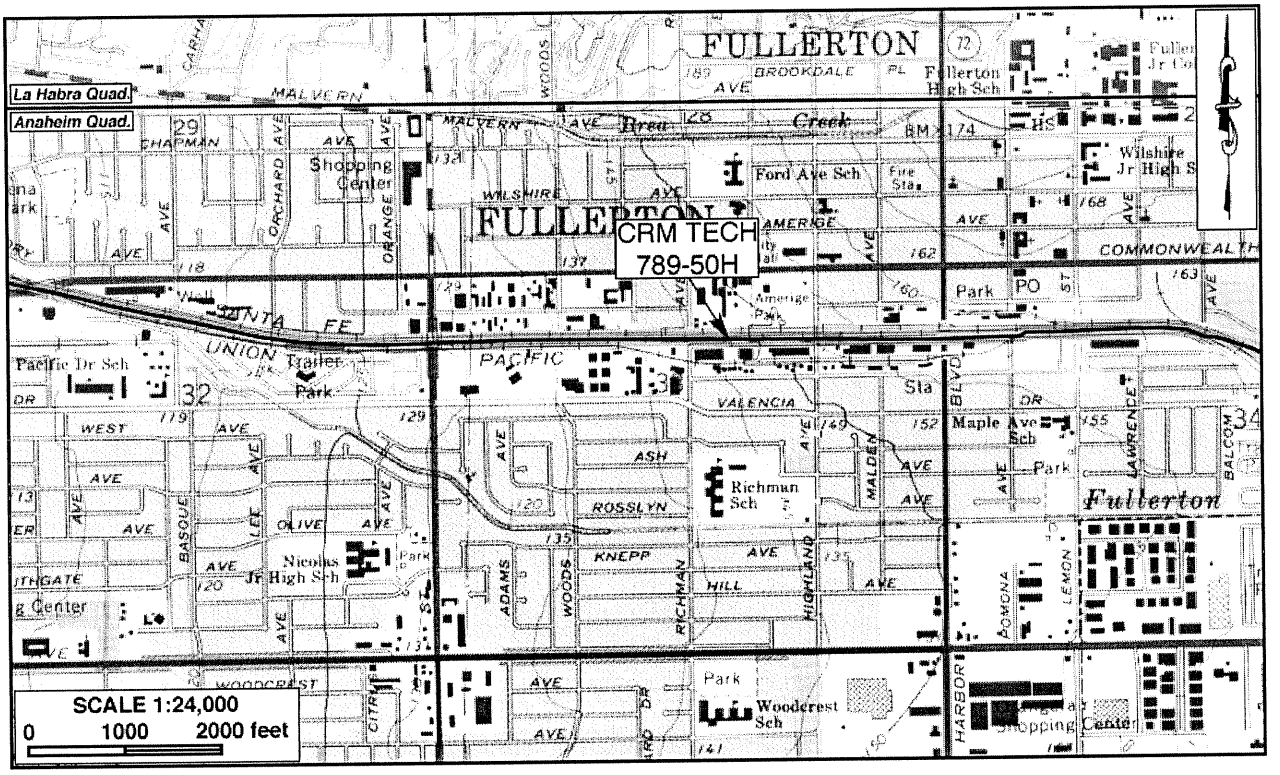
Primary #_____
HRI #_____
Trinomial_____

*Resource Name or # (Assigned by recorder) CRM TECH 789-50H

*Map Name: La Habra and Anaheim, Calif. *Scale: 1:24,000

*Date of Map: 1964/1965, photorevised 1981





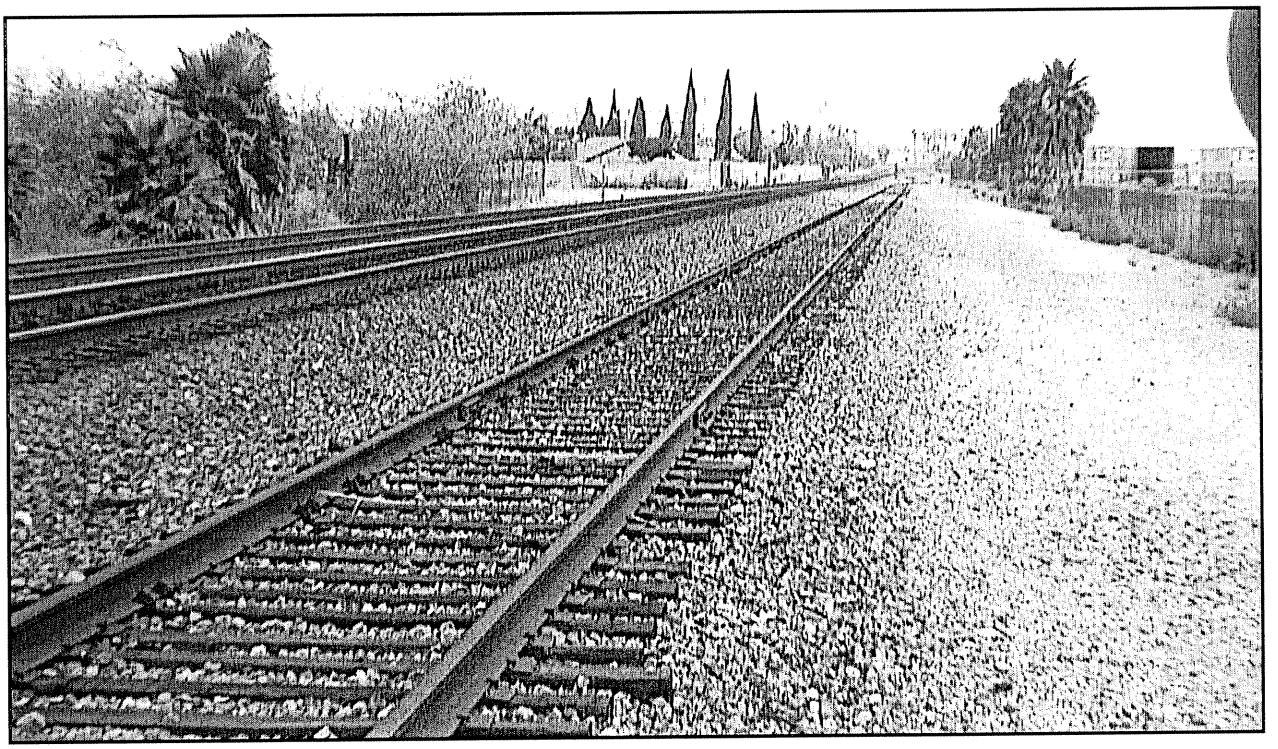
*Required information

State of California--The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary #_____
HRI #_____
Trinomial_____

Resource name or # (Assigned by recorder) CRM TECH 878-2H

Photo Taken by Danniel Ballester ***Date** June 21, 2002 √ Continuation ___Update



Typical view of the existing railroad line

Old concrete culvert across the railroad bed

*Required information

APPENDIX 3

CALIFORNIA HISTORIC BRIDGE INVENTORY PRINTOUT

Third Main Track and Grade Separation Project
Hobart (MP 148.9) to Basta (MP 163.3)
BNSF/Metrolink East-West Main Line Railroad Track
Vernon to Fullerton, Los Angles and Orange Counties, California

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C1759	07	GRANADA CHANNEL	HAVNHRST AV & RUFNER AV	5 Not eligible for NRHP	1972	
53C1760	07	BIG TUJUNGA WASH	600' N BIG TUJUNGA CYN R	5 Not eligible for NRHP	1971	
53C1762	07	BULL CREEK	BALBOA & RUFFNER AV	5 Not eligible for NRHP	1955	
53C1763	07	VERMONT CANYON RD TUNNEL	1.3 MI N/O LOS FELIZ BLVD	5 Not eligible for NRHP	-1	
53C1764	07	VIGNES STREET UNDERPASS	0.2 MI E OF N MAIN ST	5 Not eligible for NRHP	1938	
53C1766	07	PALMS JUNIOR HIGH PUC	GLENDON AV-KELTON AV	5 Not eligible for NRHP	1953	
53C1767	07	SANTA MONICA CYN CHANNEL	BTW MNDVL CYN RD/RIVRA RD	5 Not eligible for NRHP	1966	
53C1770	07	COCA COLA CONVEYOR OC	0.1 MI E OF CENTRAL AVE	5 Not eligible for NRHP	1967	
53C1771	07	CITY HALL EAST TUNNEL	100 FT S OF TEMPLE ST	5 Not eligible for NRHP	1971	
53C1772	07	MISSION ROAD OH	1/4 MI NE OF MACY ST	5 Not eligible for NRHP		
53C1773	07	SUNSET PLAZA SIDEHILL BR	1.5 MI N OF SUNSET BLVD	5 Not eligible for NRHP	1956	
53C1776L	07	SOLEMINT OH	W/O SR 14 NR SOLEMINT	5 Not eligible for NRHP	1968	
53C1776R	07	SOLEMINT OH	0.5 MI S/O SOLEDAD	5 Not eligible for NRHP	1938	
53C1777L	07	SANTA CLARA RIVER	0.3 MI S SOLEDAD CYN RD	5 Not eligible for NRHP	1938	
53C1777R	07	SANTA CLARA RIVER	0.3 MI S SOLEDAD CYN RD	5 Not eligible for NRHP	1968	
53C1779	07	BALDWIN HILLS PARK RD OC	2.8 KM N/O SLAUSON AVE	5 Not eligible for NRHP	1985	
53C1780	07	CIVIC CENTER MALL	0.02 MI E OF MAIN ST	5 Not eligible for NRHP	1975	
53C1782	07	SAN MARTINEZ CHIQUITO CR	3 MI W GOLDEN STATE FRWY	5 Not eligible for NRHP	1925	1960
53C1785	07	PICKENS CANYON CHANNEL	0.1 MI E/O BRIGGS AVE	5 Not eligible for NRHP	1935	
53C1786	07	VERDUGO WASH	1.3 MI N/O VENTURA FWY	5 Not eligible for NRHP	1933	1938
53C1787	07	VERDUGO WASH	0.1 MI S/O VERDUGO RD	5 Not eligible for NRHP	1933	
53C1790	07	SYCAMORE STREET	1/4 MI N SANTA ANA FRWY	5 Not eligible for NRHP	1983	
53C1791	07	GREENWOOD AVE UP	1/4 MI N SANTA ANA FRWY	5 Not eligible for NRHP	1983	
53C1792	07	ALDER CREEK BR	4.1 MI E ANGELES FORST HY	5 Not eligible for NRHP	1983	
53C1793	07	MILL CREEK BR	150' E ANGELES FOREST HWY	5 Not eligible for NRHP	1982	
53C1794	07	UNKNOWN WASH	1/4 MI N POMONA FRWY	5 Not eligible for NRHP	1981	
53C1795	07	ARTESIA-NORWALK STRM DRN	0.1 MI W/O NORWALK BLVD	5 Not eligible for NRHP	1982	
53C1796	07	HUMANE WAY	0.3 MI W CORONA EXPWY	5 Not eligible for NRHP	1982	
53C1797	07	PASEO VALENCIA POC	0.7 MI S VALENCIA BL	5 Not eligible for NRHP	1983	
53C1798	07	PASEO VALENCIA POC	1.1 MI S VALENCIA BLVD	5 Not eligible for NRHP	1983	
53C1799	07	MINT CANYON WASH	150' E/O SIERRA HWY	5 Not eligible for NRHP	1983	
53C1800	07	ALONDRA BL OH (ATSF RR)	100' W STAGE ROAD	5 Not eligible for NRHP	1984	
53C1801	07	PASEO VALENCIA POC	0.5 MI E MCBEAN PARKWAY	5 Not eligible for NRHP	1982	
53C1802	07	IMPERIAL HIGHWAY UP	1/2 MI E 605 FRWY	5 Not eligible for NRHP	1984	
53C1803	07	UNKNOWN WASH	1/4 MI N POMONA FRWY	5 Not eligible for NRHP	1978	
53C1804	07	LONG BEACH PROMENADE POC	0.1 MI W PINE ST	5 Not eligible for NRHP	1983	
53C1805	07	LONG BEACH PROMENADE POC	0.1 MI W PINE ST	5 Not eligible for NRHP	1983	
53C1806	07	LONG BEACH PARKING STRUT	0.1 MI N QUEENS WAY	5 Not eligible for NRHP	1983	
53C1807	07	SANTA CLARA RIVER (SF)	0.4 MI S LYONS AVE	5 Not eligible for NRHP	1971	
53C1808	07	SAN JOSE CREEK	5/8 MI N POMONA FWY	5 Not eligible for NRHP	1983	
53C1809	07	UPPR	1/4 MI E WORKMAN MILL RD	5 Not eligible for NRHP	1983	
53C1812	07	MEDEA CREEK	0.1 MI W KANAN RD	5 Not eligible for NRHP	1982	
53C1813	07	HALLS CANYON CHANNEL	0.1 MI W OF CASTLE ROAD	5 Not eligible for NRHP	1935	1955
53C1814	07	SANTA ANITA WASH	0.6 MI E/O SANTA ANITA AV	5 Not eligible for NRHP	1958	
53C1815	07	SAWPIT WASH	0.2 MI W MOUNTAIN AVE	5 Not eligible for NRHP	1928	1952

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C0443	07	MARSHALL CANYON WASH	1.2 MI W WHITE AVE	5 Not eligible for NRHP	1967	
53C0444	07	EATON WASH	800' W ROSEMEAD BLVD	5 Not eligible for NRHP	1927	1953
53C0445	07	LOS ANGELES RIVER	3/4 MI E ATLANTIC BLVD	5 Not eligible for NRHP	1942	
53C0446	07	SAN GABRIEL RIVER	0.3 MI E SAN GAB R FWY	5 Not eligible for NRHP	1961	1973
53C0447	07	SUSANNA CANYON CREEK	2.2 MI E SAN G CANYON RD	5 Not eligible for NRHP	1942	1968
53C0448	07	AZUSA AVENUE UP	3/8 MI N POMONA FWY	5 Not eligible for NRHP	1971	
53C0449	07	WALNUT CREEK	1 MI W CITRUS ST	5 Not eligible for NRHP	1967	
53C0450	07	RUBIO WASH	1/4 MI S OF LAS TUNAS DR	5 Not eligible for NRHP	1914	1925
53C0451	07	NORTH FORK COYOTE CREEK	0.3 MI N IMPERIAL HWY	5 Not eligible for NRHP	1961	
53C0452	07	LOS CERRITOS CH	0.1 MI S SPRING ST	5 Not eligible for NRHP	1956	
53C0453	07	CLARK AVE DRAIN	0.5 MI E OF LAKEWOOD BLVD	5 Not eligible for NRHP	1962	
53C0454	07	PALO VERDE DRAIN	1/4 MI E/O BELLFLOWER BLV	5 Not eligible for NRHP	1955	
53C0455	07	NORWALK BLVD UP	1/2 MI N WHITTIER BLVD	5 Not eligible for NRHP	1966	
53C0456	07	CHINO CREEK	1/4 MI E TOWNE AVE	5 Not eligible for NRHP	1962	1971
53C0457	07	DOMINGUEZ SCHOOL POC	3/4 MI S DEL AMO BLVD	5 Not eligible for NRHP	1954	
53C0458	07	SANTA FE AVE UP	1/8 MI N/O SAN DIEGO FWY	5 Not eligible for NRHP	1932	
53C0459	07	DOMINGUEZ CHANNEL	0.8 MI S CARSON ST	5 Not eligible for NRHP	1963	
53C0460	07	COMPTON CREEK	0.5 MI E WILMINGTON AVE	5 Not eligible for NRHP	1938	
53C0461	07	LA MIRADA CHANNEL	0.5 MI W VALLEY VIEW AVE	5 Not eligible for NRHP	1968	
53C0462	07	SORENSEN DRAIN	1/2 MI E CARMENITA AVE	5 Not eligible for NRHP	1960	
53C0463	07	SORENSEN DRAIN	1 MI N TELEGRAPH RD	5 Not eligible for NRHP	1959	
53C0464	07	N FK COYOTE CREEK	3/4 MI W VALLEY VIEW AVE	5 Not eligible for NRHP	1960	
53C0465	07	N FK COYOTE CREEK	1 MI S TELEGRAPH RD	5 Not eligible for NRHP	1960	
53C0467	07	SAN JOSE CREEK	0.1 MI S VALLEY BLVD	5 Not eligible for NRHP	1968	1975
53C0468	07	SAN JOSE CREEK BOH	1/4 MI E OF POMONA BLVD	5 Not eligible for NRHP	1972	
53C0469	07	SANTA CLARA RIVER	4 MI E BOUQUET CYN RD	5 Not eligible for NRHP	1973	
53C0470	07	LEFFINGWELL CREEK	0.8 MI N LEFFINGWELL RD	5 Not eligible for NRHP	1963	
53C0471	07	RIO HONDO	3/8 MI W/O PARAMOUNT BLVD	5 Not eligible for NRHP	1941	1966
53C0472	07	TELEGRAPH RD UP	0.9 MI E SAN GABRIEL RIV	5 Not eligible for NRHP	1952	
53C0473	07	LOS ANGELES RIVER	1.0 MI NORTH OF U.S. 101	5 Not eligible for NRHP	1960	
53C0474	07	BROWNS CREEK	BTW COZYCROFT A/LURLINE A	5 Not eligible for NRHP	1971	
53C0475	07	ALISO CREEK	BTW WILBUR AVE/CREBS AVE	5 Not eligible for NRHP	1954	
53C0476	07	BULL CREEK	1.3 MI WEST OF I-405	5 Not eligible for NRHP	1954	1973
53C0477	07	SHERMAN WAY TUNNEL	BTW VALJEAN A/HVNHURST AV	5 Not eligible for NRHP	1958	
53C0478	07	BOUQUET CANYON RD	1.4 MI N SOLEDAD CYN RD	5 Not eligible for NRHP	1976	
53C0479	07	BOUQUET CANYON RD	3 MI N SOLEDAD CYN RD	5 Not eligible for NRHP	1967	
53C0481	07	87TH ST E UNDER SPTCO	2 MI N PEARBLOSSOM HWY	5 Not eligible for NRHP	1967	
53C0482	07	CALIFORNIA AQUEDUCT	1 MI N SIERRA HWY	5 Not eligible for NRHP	1968	
53C0483	07	PEARBLOSSOM HWY OH	2 MI N ANTELOPE VAL HWY	5 Not eligible for NRHP	1959	
53C0484	07	SHIRLEYJEAN STR	100' W OF LA CRESENTA AVE	5 Not eligible for NRHP	1953	
53C0485	07	INDIAN CANYON CREEK	3/8 MI E AGUA DULCE CYN R	5 Not eligible for NRHP	1946	1962
53C0486	07	MAHER CANYON CREEK	3.3 MI E AGUA DULCE CYN R	5 Not eligible for NRHP	1949	1962
53C0487	07	NELSON CANYON WASH	3 MI E AGUA DULCE CYN RD	5 Not eligible for NRHP	1949	1962
53C0488	07	SANTA CLARA RIV BR	0.3 MI E AGUA DULCE CY RD	5 Not eligible for NRHP	1936	1940
53C0489	07	SOLEDAD CANYON RD TUNNEL	6.7 MI E SIERRA HWY	5 Not eligible for NRHP	1935	1953

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C0148	07	RIO HONDO	1/8 MI W/O ROSEMEAD BLVD	5 Not eligible for NRHP	1936	
53C0149	07	COYOTE CREEK	0.8 MI E VALLEY VIEW AVE	5 Not eligible for NRHP	1950	
53C0150	07	COYOTE CREEK	0.9 MI E VALLEY VIEW AVE	5 Not eligible for NRHP	1950	
53C0151	07	FIRST STREET OC	0.4 MI SW/O US 101	5 Not eligible for NRHP	1940	1971
53C0153	07	FIGUEROA ST	0.1 MI S/O US 101	5 Not eligible for NRHP	1940	
53C0154	07	TELEGRAPH RD UNDER AT&SF	0.1 MI W GARFIELD AVE	5 Not eligible for NRHP	1925	
53C0156	07	RIO HONDO RIVER	0.5 MI W PARAMOUNT BL	5 Not eligible for NRHP	1951	1959
53C0157	07	SAN GABRIEL RIVER	0.1 MI W SAN GABR FWY	5 Not eligible for NRHP	1961	
53C0158	07	LOS ANGELES RIVER	0.3 MI S FLORENCE AVE	5 Not eligible for NRHP	1939	
53C0159	07	LOS ANGELES RIVER	500' W/O LONG BEACH FWY	5 Not eligible for NRHP	1940	
53C0160	07	RIVERSIDE DRIVE BOH	0.1 MI W/O SR 11	5 Not eligible for NRHP	1939	
53C0161	07	MYRA AVE	BTW ST GEORGE ST/MYRA AVE	2 Br eligible for NRHP	1925	
53C0163	07	LOS ANGELES RIVER BOH	RIO VSTA AV-SNTA FE AV	2 Br eligible for NRHP	1925	
53C0164	07	SEPULVEDA TUNNEL	0.5 MI W/O I-405	5 Not eligible for NRHP	1929	
53C0166	07	RIO HONDO	0.5 MI S FIRESTONE BLVD	5 Not eligible for NRHP	1951	1978
53C0168	07	WILSHIRE BLVD	0.25 MI W OF SAN DIEGO FW	5 Not eligible for NRHP	1957	
53C0172	07	EATON WASH	0.2 MI W BALDWIN AVE	5 Not eligible for NRHP	1956	
53C0174	07	BURBANK-WESTERN CHANNEL	1/4 MI W GOLDEN STATE FRY	5 Not eligible for NRHP	1949	
53C0178	07	VALLEY BLVD OH	1/2 MI E HACIENDA BLVD	5 Not eligible for NRHP	1957	
53C0183	07	SIERRA HW-TUNNEL STATION	0.1 MI EAST OF I-5	5 Not eligible for NRHP	1911	1934
53C0185	07	LOS ANGELES RIVER	1/2 MI S ALONDRA BLVD	5 Not eligible for NRHP	1937	
53C0190L	07	LOS ANGELES RIVER	0.1 MI E LONG BEACH FWY	5 Not eligible for NRHP	1951	1972
53C0190R	07	LOS ANGELES RIVER	0.1 MI E LONG BEACH FWY	5 Not eligible for NRHP	1951	1972
53C0191	07	WALNUT CREEK	100' S/O SBD FWY	5 Not eligible for NRHP	1975	
53C0192	07	PARAMOUNT BLVD UP	5/8 MI S WASHINGTON BLVD	5 Not eligible for NRHP	1958	
53C0193	07	GARVEY AVE UNDER SPTC	1/4 MI E VALLEY BLVD	5 Not eligible for NRHP	1933	
53C0198	07	BURBANK BLVD OH	300' W GOLDEN STATE FRWY	5 Not eligible for NRHP	1958	
53C0200	07	MAGNOLIA BLVD	1/8 MI W GOLDEN STATE FRY	5 Not eligible for NRHP	1949	1959
53C0201	07	OLIVE AVE FRG RD	1/8 MI W GOLDEN STATE FRY	5 Not eligible for NRHP	1949	1959
53C0202	07	SPRING ST UC	1/4 MI W/O LAKEWOOD BLVD	5 Not eligible for NRHP	1978	
53C0203	07	N FK COYOTE CREEK	0.3 MI W VALLEY VIEW AVE	5 Not eligible for NRHP	1959	
53C0208	07	ORANGE AVE OH	1/2 MI S WILLOW ST	5 Not eligible for NRHP	1932	
53C0209	07	MARINE STADIUM & APPIAN	1/2 MI W PACIFIC COAST HY	5 Not eligible for NRHP	1955	
53C0210	07	LOS CERRITOS CHAN	0.1 MI W STUDEBAKER RD	5 Not eligible for NRHP	1984	
53C0211	07	LOS CERRITOS CHANNEL	1/4 MI W/O STUDEBAKER RD	5 Not eligible for NRHP	1956	
53C0214	07	LOS CERRITOS DRAINAGE CH	0.1 MI S SPRING ST	5 Not eligible for NRHP	1954	
53C0215	07	LOS CERITOS DR CHAN BR	0.1 MI W PALO VERDE AVE	5 Not eligible for NRHP	1954	1966
53C0216	07	LOS CERITOS DRN CHANN BR	0.1 MI S WILLOW ST	5 Not eligible for NRHP	1956	
53C0218	07	LOS CERRITOS DRA CHAN BR	0.1 MI S SPRING ST	5 Not eligible for NRHP	1954	1977
53C0219	07	PALO VERDE DRAIN BR	0.1 MI W PALO VERDE AV	5 Not eligible for NRHP	1953	
53C0220	07	LOS CERRITOS DRAINAGE CH	0.2 MI W BELLFLOWER BLVD	5 Not eligible for NRHP	1963	
53C0221	07	LOS CERRITOS DRAINAGE CH	1/4 MI E CLARK AVE	5 Not eligible for NRHP	1962	
53C0226	07	VERDUGO WA	1/8 MI N VENTURA FRY	5 Not eligible for NRHP	1939	
53C0227	07	LOS CERRITOS DR CHANNEL	0.4 MI W BELLFLOWER BL	5 Not eligible for NRHP	1963	
53C0229	07	LOS CERRITOS DRAIN CHANN	0.4 MI W BELLFLOWER BL	5 Not eligible for NRHP	1963	

Historical Significance - State Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53 0148	07	TELEPHONE OC	07-LA-405-23.30-ING	5 Not eligible for NRHP	1961	
53 0162	07	NEWELL STREET UC	07-LA-005-22.26-LA	5 Not eligible for NRHP	1961	
53 0162H	07	NEWELL ST UC	07-LA-002-14.97-LA	5 Not eligible for NRHP	1961	
53 0162K	07	NEWELL STREET UC	07-LA-005-22.26-LA	5 Not eligible for NRHP	1961	
53 0163	07	RIVERSIDE DR UC	07-LA-005-21.94-LA	5 Not eligible for NRHP	1961	
53 0164	07	GILROY STREET UC	07-LA-005-22.78-LA	5 Not eligible for NRHP	1961	1974
53 0164H	07	GILROY STRET UC	07-LA-002-15.30-LA	5 Not eligible for NRHP	1961	
53 0166	07	ARROYO SECO	07-LA-134-R12.57-PAS	5 Not eligible for NRHP	1953	1971
53 0171	07	FLORENCE AVENUE OC	07-LA-005-6.38-SFSP	5 Not eligible for NRHP	1953	
53 0183	07	EL NIDO UP	07-LA-107-3.73-TOR	5 Not eligible for NRHP	1926	1958
53 0184	07	ANGELES CREST TUNNEL 1	07-LA-002-62.82	5 Not eligible for NRHP	1950	
53 0199R	07	FIGUEROA ST TUNNEL	07-LA-110-24.90-LA	5 Not eligible for NRHP	1936	
53 0200R	07	FIGUEROA ST TUNNEL	07-LA-110-25.14-LA	5 Not eligible for NRHP	1931	
53 0201R	07	FIGUEROA ST TUNNEL	07-LA-110-25.28-LA	5 Not eligible for NRHP	1931	
53 0202R	07	FIGUEROA ST TUNNEL	07-LA-110-25.37-LA	5 Not eligible for NRHP	1931	
53 0213	07	SAN GABRIEL RIVER	07-LA-005-7.06-DNY	5 Not eligible for NRHP	1953	1965
53 0214	07	CARMENITA ROAD OC	07-LA-005-2.41-NRW	5 Not eligible for NRHP	1955	
53 0215L	07	LOS CERRITOS CHANNEL	07-LA-022-1.09-LBCH	5 Not eligible for NRHP	1959	
53 0215R	07	LOS CERRITOS CHANNEL	07-LA-022-1.09-LBCH	5 Not eligible for NRHP	1955	
53 0232	07	RIVERA UP	07-LA-019-13.30-PRV	5 Not eligible for NRHP	1937	1971
53 0232W	07	RIVERA UP PP	07-LA-019-13.31-PRV	5 Not eligible for NRHP	1972	
53 0233	07	PICO UP	07-LA-019-15.69-PRV	5 Not eligible for NRHP	1938	
53 0233W	07	PICO UP PP	07-LA-019-15.69-PRV	5 Not eligible for NRHP	1938	
53 0235	07	RIO HONDO	07-LA-164-4.91-EMTE	5 Not eligible for NRHP	1937	1951
53 0237	07	ROSEMEAD UNDERPASS	07-LA-164-5.63-RSMD	5 Not eligible for NRHP	1951	1972
53 0238	07	RUDELL UNDERPASS	07-LA-164-6.89-TMPC	5 Not eligible for NRHP	1938	
53 0238W	07	RUDELL UP PP	07-LA-164-6.90-TMPC	5 Not eligible for NRHP	1938	
53 0240	07	TEMPLE STREET UC	07-LA-110-23.61-LA	5 Not eligible for NRHP	1948	
53 0240G	07	TEMPLE STREET UC	07-LA-110-23.61-LA	5 Not eligible for NRHP	1948	
53 0240H	07	TEMPLE STREET UC	07-LA-101-1.63-LA	5 Not eligible for NRHP	1948	1996
53 0242	07	PALMS BLVD OC	07-LA-405-28.51-LA	5 Not eligible for NRHP	1959	
53 0246	07	SUNSET BLVD OC	07-LA-110-23.83-LA	5 Not eligible for NRHP	1948	
53 0255	07	LOS ANGELES RIVER	07-LA-002-15.52-LA	5 Not eligible for NRHP	1961	
53 0256	07	RIPPLE STREET UC	07-LA-002-15.32-LA	5 Not eligible for NRHP	1961	
53 0256F	07	RIPPLE STREET UC	07-LA-002-15.32-LA	5 Not eligible for NRHP	1961	
53 0276	07	ARROYO SECO	07-LA-110-30.10-SPAS	2 Br eligible for NRHP	1939	
53 0278M	07	EASTMAN AVE PUC	07-LA-005-14.60-VER	5 Not eligible for NRHP	1951	
53 0279	07	COYOTE CREEK	07-LA-005-.34-LMRD	5 Not eligible for NRHP	1934	1959
53 0281	07	EAST REDONDO BEACH UP	07-LA-091-2.11-LNDL	5 Not eligible for NRHP	1923	1954
53 0283F	07	RIPPLE ST UC	07-LA-002-15.44-LA	5 Not eligible for NRHP	1961	
53 0301	07	MULHOLLAND OC	07-LA-101-8.75-LA	5 Not eligible for NRHP	1940	
53 0302L	07	SAN GABRIEL RIVER	07-LA-022-1.42-LBCH	5 Not eligible for NRHP	1959	
53 0302R	07	SAN GABRIEL RIVER	07-LA-022-1.42-LBCH	5 Not eligible for NRHP	1941	1953
53 0303L	07	LITTLE ROCK CREEK	07-LA-138-53.55	5 Not eligible for NRHP	1952	
53 0303R	07	LITTLE ROCK CREEK	07-LA-138-53.55	4 Hist sign not determin	1995	

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C0707	07	SAN DIMAS WASH	1.0 MI E GRAND AVE	5 Not eligible for NRHP	1960	
53C0708	07	SAN DIMAS WASH	0.9 MI E GRAND AVE	5 Not eligible for NRHP	1960	
53C0709	07	SAN DIMAS WASH BR	0.1 MI N FOOTHILL AVE	5 Not eligible for NRHP	1962	1991
53C0710	07	CHARTER OAK WASH	0.1 MI W BARRANCA AVE	5 Not eligible for NRHP	1965	
53C0711	07	LOWER BUENA VISTA CHAN	0.3 MI N ARROW HWY	5 Not eligible for NRHP	1955	
53C0712	07	DOMINGUEZ CHANNEL	0.2 MI W CRENSHAW BL	5 Not eligible for NRHP	1961	
53C0713	07	DOMINGUEZ CHANNEL	1/2 MI W/O CRENSHAW BLVD	5 Not eligible for NRHP	1961	
53C0714	07	DOMINGUEZ CHANNEL	1/4 MI S OF ARTESIA BLVD	5 Not eligible for NRHP	1960	
53C0715	07	DOMINGUEZ CHANNEL	1/4 MI S/O REDONDO BEACH	5 Not eligible for NRHP	1960	
53C0718	07	DOWNEY AVE DRAIN	1/2 MI W LAKEWOOD BLVD	5 Not eligible for NRHP	1959	
53C0719	07	SAN GABRIEL RIVER	0.4 MI W SAN GABRL RIV F	5 Not eligible for NRHP	1966	
53C0720	07	MAE BOYER PARK POC	0.5 MI W OF SAN GA RIV FW	5 Not eligible for NRHP	1966	
53C0721	07	CRIDLEY DRAIN	1/4 MI S OF DEL AMO BLVD	5 Not eligible for NRHP	1962	1966
53C0722	07	PALO VERDE DRAIN	1/2 MI S OF DEL AMO BLVD	5 Not eligible for NRHP	1977	
53C0723	07	PALO VERDE DRAIN	1/4 MI N OF CARSON ST	5 Not eligible for NRHP	1977	
53C0724	07	MARK TWAIN SCHOOL POC	1/2 MI S/O DEL AMO BLVD	5 Not eligible for NRHP	1958	
53C0725	07	KEYNOTE ST LATERAL BR	0.6 MI S CARSON ST	5 Not eligible for NRHP	1963	
53C0726	07	SAN GABRIEL RIVER BR	3/4 MI W/O SAN GAB RI FWY	5 Not eligible for NRHP	1963	
53C0727	07	EL DORADO PARK E ACSS RD	3/4 MI W SAN GBRIL RIV FY	5 Not eligible for NRHP	1963	
53C0728	07	LOS CERRITOS DRAIN CHANN	1/4 MI W BELLFLOWER BLVD	5 Not eligible for NRHP	1955	
53C0729	07	PALO VERDE DRAIN BRIDGE	0.1 MI W LOS COYOTES DIAG	5 Not eligible for NRHP	1958	
53C0730	07	LOS CERRITOS DRA CHA	0.1 MI W STUDEBAKER RD	5 Not eligible for NRHP	1966	
53C0731	07	WALNUT CREEK	60' W/O ORANGE AVE	5 Not eligible for NRHP	1961	
53C0732	07	WALNUT CREEK	50' N/O MERCED AVE	5 Not eligible for NRHP	1961	
53C0733	07	WALNUT CREEK	1.1 MI N/O AMAR RD	5 Not eligible for NRHP	1961	
53C0734	07	SAN JOSE CR	1/2 MI S VALLEY BLVD	5 Not eligible for NRHP	1967	
53C0735	07	VERDUGO WASH	0.3 MI W VERDUGO RD	2 Br eligible for NRHP	1938	
53C0736	07	VERDUGO WASH	500' N VENTURA FRWY	2 Br eligible for NRHP	1938	
53C0737	07	VERDUGO WASH	500' N VENTURA FRWY	5 Not eligible for NRHP	1969	
53C0739	07	DEL AMO BLVD UP	0.2 MI W ATLANTIC AVE	5 Not eligible for NRHP	1950	
53C0741	07	VERDUGO WASH	1/4 MI N VENTURA FWY	2 Br eligible for NRHP	1936	
53C0742	07	VERDUGO WASH	1/3 MI E SAN FERNANDO BL	5 Not eligible for NRHP	1940	
53C0743	07	VERDUGO WASH	1/4 MI N VENTURA FREEWAY	5 Not eligible for NRHP	1981	
53C0745	07	VERDUGO WA	1/8 MI W VERDUGO RD	5 Not eligible for NRHP	1936	
53C0746	07	VERDUGO & CANADA POC	1 1/4 MI N VENTURA FRWY	5 Not eligible for NRHP	1961	
53C0747	07	BRAND BLVD UP	3/4 MI N GOLDEN STATE FWY	5 Not eligible for NRHP	-1	
53C0748	07	WESTERN AVE OH	1/4 MI N/E GOLDEN ST FWY	5 Not eligible for NRHP	1967	
53C0749	07	ACCESS ROAD	1/4 MI E GOLDEN STATE FRY	5 Not eligible for NRHP	1963	
53C0750	07	ALAMEDA AVE UP	1/4 MI E GOLDEN STATE FRY	5 Not eligible for NRHP	1963	
53C0751	07	ACCESS ROAD	1/4 MI E GOLDEN STATE FRY	5 Not eligible for NRHP	1963	
53C0752	07	BURBANK-WESTERN CHANNEL	3/8 MI W GOLDEN STATE FRY	5 Not eligible for NRHP	1940	
53C0754	07	BURBANK-WESTERN CHANNEL	1/4 MI W GOLDEN STATE FRY	5 Not eligible for NRHP	1949	
53C0755	07	ARROYO SECO CHANNEL	0.8 MI W FAIR OAKS AVE	5 Not eligible for NRHP	1939	
53C0756	07	ARROYO SECO CHANNEL	0.1 MI W ARROYO BLVD	5 Not eligible for NRHP	1939	
53C0757	07	ARROYO SECO CHANNEL	0.9 MI W FAIR OAKS AVE	2 Br eligible for NRHP	1922	

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C1646	07	LEMORAN AVE STORM DRAIN	0.4 MI E ROSEMEAD BLVD	5 Not eligible for NRHP	1967	
53C1649	07	SANTA ANITA AVE UNDER SP	0.2 MI N VALLEY BLVD	5 Not eligible for NRHP	1974	
53C1651	07	STORM DRAIN B.I. NO. 587	0.1 MI E VAN NESS BLVD	5 Not eligible for NRHP	1962	
53C1652	07	STORM DRAIN B.I. NO. 587	1.4 MI S SAN DIEGO FWY	5 Not eligible for NRHP		
53C1653	07	STORM DRAIN B.I. NO. 587	0.5 MI W WESTERN AVE	5 Not eligible for NRHP		
53C1654	07	STORM DRAIN B.I. NO. 587	0.5 MI N TORRANCE BLVD	5 Not eligible for NRHP	1980	
53C1655	07	MOBIL OIL CO PIPELINES	1/4 MI S/O 190TH ST	5 Not eligible for NRHP	1975	
53C1656	07	MOBIL OIL CO ACCESS RD	0.2 MI S/O 190TH ST	5 Not eligible for NRHP	1975	
53C1657	07	LAS VIRGENES CREEK	1 MI N VENTURA FRWY	5 Not eligible for NRHP	1974	1979
53C1658	07	CHALON SIDEHILL BRIDGE	0.8 MI N SUNSET BLVD	5 Not eligible for NRHP	1949	
53C1660	07	MISSION ROAD SOH	0.5 MI EAST OF 1-5	5 Not eligible for NRHP	1980	
53C1661	07	GRIFFIN AVE OH	BTW N MAIN ST/MISSION RD	5 Not eligible for NRHP	1980	
53C1662	07	PACOIMA WASH	0.2 MI SOUTH/WEST OF I-5	5 Not eligible for NRHP	1974	
53C1663	07	ARROYO SECO CHANNEL	RAMON DR & GOLD PLACE	5 Not eligible for NRHP	1939	
53C1664	07	MARENGO AVE OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1665	07	MARGUERITA AVE OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1666	07	ATLANTIC BLVD OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1667	07	SIXTH ST OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1668	07	FOURTH ST OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1669	07	GARFIELD AVE OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1670	07	CHAPEL AVE OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1671	07	RUBIO WASH	0.1 MI E DEL MAR AVE	5 Not eligible for NRHP	1968	
53C1672	07	RUBIO WASH	0.1 MI E DELMAR AVE	5 Not eligible for NRHP	1938	
53C1673	07	CIRCLE DRIVE OC	0.7 MI N HUNTINGTON DR	5 Not eligible for NRHP		
53C1674	07	FREMONT AVE OH	0.01 MI S MISSION RD	5 Not eligible for NRHP	1979	
53C1675	07	ALHAMBRA WASH BRIDGE	0.1 MI W NEW AVE	5 Not eligible for NRHP	1969	
53C1679	07	RUBIO WASH	0.1 MI E DEL MAR AVE	5 Not eligible for NRHP	1910	1963
53C1681	07	HASKELL CANYON CHANNEL	0.4 MI N BOUQUET CYN RD	5 Not eligible for NRHP	1979	
53C1684	07	HANSON HEIGHTS CHANNEL	1.5 MI NORTH OF I-5	5 Not eligible for NRHP	1963	
53C1686	07	ARROYO CANYON	390 m W/O MANDVLE CYN RD	5 Not eligible for NRHP	1928	
53C1687	07	BROWNS CANYON CREEK	DE SOTO AVE & VARIEL AVE	5 Not eligible for NRHP	1973	
53C1688	07	CARROLL CANAL	0.2 km S OF VENICE BLVD	1 Br on Natl Reg Hist Pl	1907	
53C1689	07	LINNIE CANAL	0.25 km S of Venice Blvd	1 Br on Natl Reg Hist Pl	1907	
53C1690	07	HOWLAND CANAL	0.2 MI S VENICE BLVD	1 Br on Natl Reg Hist Pl	1907	
53C1691	07	SHERMAN CANAL	0.25 MI S VENICE BLVD	1 Br on Natl Reg Hist Pl	1907	
53C1692	07	CALIFORNIA AQUEDUCT	1 MI N/O LANCASTER RD	5 Not eligible for NRHP	1976	
53C1693	07	CALIFORNIA AQUEDUCT	1 MI N/O LANCASTER RD	5 Not eligible for NRHP	1976	
53C1694	07	CALIFORNIA AQUEDUCT	1/4 MI S/O LANCASTER RD	5 Not eligible for NRHP	1976	
53C1695	07	CALIFORNIA AQUEDUCT	0.2 MI S/O AVE N	5 Not eligible for NRHP	1975	
53C1696	07	LA MIRADA CREEK	0.2 MI N IMPERIAL HWY	5 Not eligible for NRHP	1979	
53C1697	07	ALISO CANYON CREEK	1.4 MI W ANGELES FOR HWY	5 Not eligible for NRHP	-1	
53C1698	07	DRAINAGE CHANNEL	1/8 MI E/O BLOOMFIELD AVE	5 Not eligible for NRHP	-1	
53C1699	07	SANTA FE SPRINGS ROAD UP	5/8 MI E NORWALK BLVD	5 Not eligible for NRHP	1979	
53C1700	07	TELEGRAPH RD UP	0.6 MI E NORWALK BLVD	5 Not eligible for NRHP	1977	
53C1701	07	CRENSHAW BLVD UP	1/4 MI N/O TORRANCE BLVD	5 Not eligible for NRHP	1980	

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C0853	07	PUENTE CREEK BRIDGE	0.8 MI W AZUSA AVE	5 Not eligible for NRHP	1974	
53C0854	07	ALHAMBRA WASH	3/8 MI E SAN GABRIEL BLVD	5 Not eligible for NRHP	1974	
53C0855	07	SANTA CLARA RIV (SO FK)	0.5 MI S/O LYONS AVE	5 Not eligible for NRHP	1971	
53C0857	07	IMPERIAL HWY UP	1/4 MI W SHOEMAKER AVE	5 Not eligible for NRHP	1977	
53C0858	07	NORMANDIE AVE DRAIN	1/2 MI S OF SEPULVEDA BL	5 Not eligible for NRHP	1971	
53C0859	07	LOS ANGELES RIVER	0.4 MI WEST OF I-5	2 Br eligible for NRHP	1928	1939
53C0860	07	FLNT CYN CHNL & EQUEST T	1000' W OF 210 FREEWAY	5 Not eligible for NRHP	1924	
53C0861	07	S FK SANTA CLARA RIV	1MI S OF LYONS AVE	5 Not eligible for NRHP	-1	
53C0862	07	LINDERO CYN CHANNEL	1000' W KANAN RD	5 Not eligible for NRHP	1972	
53C0863	07	AT & SF RR	1/4 MI N PASADENA FRWY	5 Not eligible for NRHP	1972	
53C0864	07	MARTIN L KING JR AVE OH	0.7 MI N/O PACIFIC C HWY	5 Not eligible for NRHP	1957	
53C0865	07	TORRANCE LATERAL	1/4 MI N/O TORRANCE BLVD	5 Not eligible for NRHP	1960	
53C0867	07	LOS ANGELES RIVER	200' N BANDINI BLVD	5 Not eligible for NRHP	1928	1987
53C0868	07	LOS ANGELES RIVER	0.2 MI W SOTO ST	5 Not eligible for NRHP	-1	
53C0870	07	AMARGOSA DRAIN	500' E/O ANTELOPE VLY FWY	5 Not eligible for NRHP	1972	
53C0871	07	AMARGOSA DRAIN	200' E/O ANTELOPE VLY FWY	5 Not eligible for NRHP	1972	
53C0872	07	AMARGOSA DRAIN	300' E/O ANTELOPE VLY FWY	5 Not eligible for NRHP	1972	
53C0873	07	HACIENDA BLVD UP	1/4 MI N VALLEY BLVD	5 Not eligible for NRHP	1977	
53C0874	07	AMARGOSA DRAIN	200' E/O ANTELOPE VLY FWY	5 Not eligible for NRHP	1972	
53C0875	07	BALLONA CREEK	200' W OF LA CIENEGA BLVD	5 Not eligible for NRHP	1938	
53C0876	07	BALLONA CREEK	1/2 MI W LA CIENEGA BL	5 Not eligible for NRHP	1938	
53C0877	07	BALLONA CREEK	W JEFFERSON BLVD	5 Not eligible for NRHP	1938	
53C0879	07	CHARTER OAK WASH	0.1 MI W BARRANCA AVE	5 Not eligible for NRHP	1965	
53C0881	07	STD OIL PIPE LINE	3/4 MI N ROSECRANS AVE	5 Not eligible for NRHP	-1	
53C0883	07	LIVE OAK WASH	0.6 MI W WHITE AVE	5 Not eligible for NRHP	1950	
53C0884	07	OCEAN BLVD	0.1 MI W HARBOR SCENIC D	5 Not eligible for NRHP	1961	
53C0885	07	ANAHEIM ST	0.1 MI W LOS ANGELES RIV	5 Not eligible for NRHP	1954	
53C0887	07	LITTLE DALTON WASH	1 MI E GRAND AVE	5 Not eligible for NRHP	1959	
53C0888	07	LITTLE DALTON WASH	0.8 MI E GRAND AVE	5 Not eligible for NRHP	1959	
53C0889	07	HARBOR SCENIC DR	0.1 MI E HARBOR PLAZA	5 Not eligible for NRHP	1967	
53C0890L	07	QUEENS WAY SBND OC	0.6 MI S OCEAN BLVD	5 Not eligible for NRHP	1967	
53C0890R	07	HARBOR SCENIC DR N SEP	0.6 MI S OCEAN BLVD	5 Not eligible for NRHP	1967	
53C0891	07	LINDERO CYN CHANNEL	1/4 MI E LINDERO CYN RD	5 Not eligible for NRHP	1975	
53C0892L	07	QUEENS WAY SB	0.1 MI S OCEAN BLVD	5 Not eligible for NRHP	1967	
53C0892R	07	SHORELINE DRIVE	0.1 MI S OCEAN BLVD	5 Not eligible for NRHP	1967	
53C0897	07	SANTA ANITA AVE UNDER SP	1/4 MI N VALLEY BLVD	5 Not eligible for NRHP	1914	
53C0899L	07	KANAN DUME RD SB TUNNEL	4.3 MI N PACIFIC CST HWY	5 Not eligible for NRHP	1983	
53C0899R	07	KANAN DUME RD NB TUNNEL	4.3 MI N PACIFIC CST HWY	5 Not eligible for NRHP	1974	
53C0900L	07	KANAN ROAD SB TUNNEL	0.7 MI N MULHOLLAND HWY	5 Not eligible for NRHP	1983	
53C0900R	07	KANAN ROAD NB TUNNEL	0.7 MI N MULHOLLAND HWY	5 Not eligible for NRHP	1968	
53C0901L	07	KANAN RD S BND TUNNEL	1 1/2 MI N MULHOLLAND HWY	5 Not eligible for NRHP	1978	
53C0901R	07	KANAN RD N BND TUNNEL	1.5 MI N MULHOLLAND HWY	5 Not eligible for NRHP	1968	
53C0902	07	DURFEE AVE UP	0.1 MI N/O VALLEY BLVD	5 Not eligible for NRHP	1976	
53C0903	07	7TH ST W B ON RAMP UC	0.2 MI N BROADWAY	5 Not eligible for NRHP	1961	
53C0907	07	COMPTON CREEK	1/2 MI S ROSECRANS AVE	5 Not eligible for NRHP	1938	

Historical Significance - Local Agency Bridges — Los Angeles County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
53C1862	07	UNNAMED WASH	AT 190TH STREET WEST	5 Not eligible for NRHP	-1	
53C1863	07	UNNAMED WASH	0.1 MI W 190TH ST W	5 Not eligible for NRHP	-1	
53C1864	07	CARMENITA ROAD UP	0.2 MI N ROSECRANS AVE	4 Hist sign not determin	1983	
53C1865	07	MILAN CREEK	0.3 MI N ROSECRANS AVE	4 Hist sign not determin	1982	
53C1866	07	EAST FORK SNOW CREEK	0.2 MI E GRAND AVE	5 Not eligible for NRHP	1984	
53C1867	07	EAST FORK SNOW CREEK	0.1 MI W LA PUENTE RD	5 Not eligible for NRHP	1984	
53C1868	07	AMARGOSA CREEK	0.6 MI W/O SIERRA HWY	5 Not eligible for NRHP	1989	
53C1869	07	E CANYON CHANNEL	BTW GS FWY/SHRP A @ 14607	5 Not eligible for NRHP	1967	
53C1870	07	SP/UP RR	0.4 MI S/O CARSON STR.	5 Not eligible for NRHP	1986	
53C1871	07	PUDDINGSTONE CHANNEL	0.1 MI S/O ALLEN AVE.	5 Not eligible for NRHP	1985	
53C1872	07	EASTERN AVE UNDER SFRR	0.3 MI S/O WASHINGTON BLV	5 Not eligible for NRHP	1982	
53C1874	07	ARROYO SECO CHANNEL	AT I-110	5 Not eligible for NRHP	1912	
53C1875	07	ARROYO SECO CHANNEL	AT I-110	5 Not eligible for NRHP	1939	
53C1876	07	ARROYO SECO CHANNEL	AT I-110	5 Not eligible for NRHP	1940	
53C1877	07	ARROYO SECO CHANNEL	AT I-110	5 Not eligible for NRHP	1939	
53C1878	07	ARROYO SECO CHANNEL	AT I-110	5 Not eligible for NRHP	1909	1939
53C1879	07	ARROYO SECO CHANNEL	AT I-110	5 Not eligible for NRHP	1940	
53C1880	07	SIXTH STREET VIADUCT	E SANTA ANA FRWY	5 Not eligible for NRHP	1932	
53C1881	07	GLENDALE BL SB, LA RIV	SOUTHBOUND GLENDALE	5 Not eligible for NRHP	1929	
53C1882	07	HYPERION AVE	OVER RIVERSIDE DR	5 Not eligible for NRHP	1929	
53C1883	07	LOS ANGELES RIVER	GLENDALE BL OVER LA RIV	5 Not eligible for NRHP	1929	
53C1884	07	LOS ANGELES RIVER	GLENDALE BL OVER LA RIV	5 Not eligible for NRHP	1929	
53C1885	07	BALBOA BLVD SOH	SAN FERNANDO RD AT I-5	5 Not eligible for NRHP	1971	
53C1886	07	BOWDOIN ST PUC	W TEMESCAL CYN RD	5 Not eligible for NRHP	1961	
53C1887	07	ETHEL AVE POC	630' N/O BURBANK BLVD	5 Not eligible for NRHP	1961	
53C1888	07	MILAN CREEK	500' E VALLEY VIEW AVE	5 Not eligible for NRHP	1987	
53C1889	07	MILAN CREEK	0.5 MI E VALLEY VIEW AVE	5 Not eligible for NRHP	1987	
53C1890	07	MILAN CREEK	0.8 MI S IMPERIAL HWY	5 Not eligible for NRHP	1987	
53C1891	07	SDBI 528	0.1 MI S VALLEY BLVD	4 Hist sign not determin	1986	
53C1892	07	PECK ROAD UNDER SPTC	0.2 MI N SAN BRDINO FRWY	5 Not eligible for NRHP	1988	
53C1893	07	ORANGE ST	50' S BROADWAY	5 Not eligible for NRHP	1985	
53C1894	07	GLENDALE GALLERIA POC	0.1 MI S/O BROADWAY	5 Not eligible for NRHP	1985	
53C1895	07	REMINGTON CHANNEL	0.7 MI W ROMERO CYN RD	5 Not eligible for NRHP	1981	
53C1896	07	SAWPIT WASH	0.2 MI W MOUNTAIN AVE	5 Not eligible for NRHP	1968	
53C1897	07	SAWPIT WASH	0.2 MI W MOUNTAIN AVE	5 Not eligible for NRHP	1968	
53C1898	07	MARENGO AVE OVERCROSSING	INTX MARENGO CORSON I-210	5 Not eligible for NRHP	1976	
53C1899	07	220TH ST POC	0.2 MI S/O CARSON ST	5 Not eligible for NRHP	1962	
53C1900	07	APPIAN WAY/PROMENDAE	0.6 MI W LINCOLN BLVD	5 Not eligible for NRHP	1939	
53C1901	07	FAIRGROVE STORM DRAIN BR	0.3 MI W BLDWN PARK BL	5 Not eligible for NRHP	1956	
53C1902	07	OLIVE AVE OH	AT INTERSTATE 5	5 Not eligible for NRHP	1959	
53C1903	07	MAGNOLIA BLVD OH	AT INTERSTATE 5	5 Not eligible for NRHP	1959	
53C1904	07	BOMBARDIER AVE DRAIN	0.1 MI E SNTA ANA FRWY	5 Not eligible for NRHP	1954	
53C1905	07	GORMAN CREEK	0.1 MI N LANCASTER RD	5 Not eligible for NRHP	1967	
53C1906	07	VIA CHICO AVE	0.1 MI S PALOS VERDES DR	5 Not eligible for NRHP	1929	
53C1907	07	FLOWER ST POC	180 FT N 5TH ST	4 Hist sign not determin	1983	

Historical Significance - Local Agency Bridges — Orange County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
55C0148	12	SANTA ANA RIVER CHANNEL	0.1 MI W HARBOR BLVD	5 Not eligible for NRHP	1961	1969
55C0149L	12	SAN DIEGO CREEK CHANNEL	0.3 MI S BRISTOL ST	5 Not eligible for NRHP	1965	1978
55C0149R	12	SAN DIEGO CREEK CHANNEL	0.3 MI S BRISTOL ST	5 Not eligible for NRHP	1968	1978
55C0151	12	GOLDENROD AVE POC	1.3 MI SE OF S.R.1	5 Not eligible for NRHP	1928	
55C0154	12	SANTA ANA RIVER CHANNEL	0.3 MI E HARBOR BLVD	5 Not eligible for NRHP	1959	
55C0155	12	ALISO CREEK	0.35 MI E OF TORO RD	5 Not eligible for NRHP	1974	
55C0156	12	SUNSET CHANNEL	0.4 MI S EDINGER AVE	5 Not eligible for NRHP	1966	
55C0157	12	ANAHEIM BARBER CITY CH	0.6 MI S/O WESTMINISTER	5 Not eligible for NRHP	1976	
55C0158	12	MOODY CREEK CHANNEL	0.4 MI W MOODY ST	5 Not eligible for NRHP	1957	1977
55C0159	12	SANTA ANA RIVER CHANNEL	0.2 MI W MAIN ST	5 Not eligible for NRHP	1967	1977
55C0160	12	BOLSA CHICA CH	0.8 MI W VLY VIEW ST	5 Not eligible for NRHP	1966	
55C0161	12	ANAHEIM-BARBER CITY CHAN	0.3 MI W/O RTE 39	5 Not eligible for NRHP	1966	
55C0162	12	ANAHEIM-BARBER CITY CHAN	0.3 MI W SPRINGDALE ST	5 Not eligible for NRHP	1976	
55C0163	12	SANTA ANA RIVER	0.4 MI W FAIRVIEW ST	5 Not eligible for NRHP	1964	1977
55C0164	12	SANTA ANA SANTA FE CH	0.5 MI W OF ROUTE 55	5 Not eligible for NRHP	1965	
55C0166	12	CROWN VALLEY PARKWAY OH	0.1 MI WEST OF ROUTE I-5	5 Not eligible for NRHP	1970	1980
55C0168	12	HANDY CREEK	0.2 MI E ORANGE PK BLVD	5 Not eligible for NRHP	1937	
55C0172	12	SANTIAGO CREEK	.1 MI N OF MODJESKA G RD	5 Not eligible for NRHP	1935	
55C0173	12	SANTIAGO CREEK	.4 MI E OF MODJESKA G RD	5 Not eligible for NRHP	1947	
55C0174	12	SILVERADO CYN CREEK	1.6 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1935	
55C0175	12	LADD CANYON	2.2 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1947	
55C0176	12	SILVERADO CYN CREEK	0.1 MI S SLVRDO CYN RD	5 Not eligible for NRHP		1983
55C0177	12	SILVERADO CYN CREEK	4.4 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1947	
55C0178	12	SILVERADO CYN CREEK	4.9 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1947	
55C0179	12	SILVERADO CYN CREEK	5.4 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1947	
55C0180	12	SILVERADO CYN CREEK	2.7 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1971	
55C0181	12	SILVERADO CYN CREEK	3.1 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1970	
55C0182	12	SILVERADO CYN CREEK	3.6 MI E OF SANTIAGO RD	5 Not eligible for NRHP	1970	
55C0183	12	SILVERADO CYN CREEK	50' N SILVERADO CYN RD	5 Not eligible for NRHP	1963	
55C0184	12	SANTIAGO CREEK CHANNEL	.2 MI N OF SANTIAGO C RD	5 Not eligible for NRHP	1970	1998
55C0185	12	SANTIAGO CREEK	50' S MOJESKA CYN RD	5 Not eligible for NRHP	1970	
55C0186	12	ENGLISH CANYON CHANNEL	300' W LOS ALISOS BLVD	5 Not eligible for NRHP	1976	
55C0187	12	ENGLISH CANYON CHANNEL	300' W LOS ALISOS BLVD	5 Not eligible for NRHP	1976	
55C0188	12	SILVERADO CANYON CREEK	200' S SILVERADO CYN RD	5 Not eligible for NRHP	1965	
55C0189	12	SILVERADO CANYON CREEK	50' N SILVERADO CYN RD	5 Not eligible for NRHP	1957	
55C0190	12	ENGLISH CYN CHANNEL	300' W LOS ALISOS BLVD	5 Not eligible for NRHP	1976	
55C0191	12	CANADA CHANNEL	0.2 MI S OF LAKE FOREST	5 Not eligible for NRHP	1976	
55C0192	12	CARBON CANYON CHANNEL	0.2 MI W OF ROSE DR	5 Not eligible for NRHP	1934	
55C0193	12	FULLERTON CREEK CHANNEL	0.2 MI N ORANGETHORPE AV	5 Not eligible for NRHP	1958	1967
55C0194	12	FULLERTON CREEK CHANNEL	0.15 MI S/O WHITAKER ST	5 Not eligible for NRHP	1958	1964
55C0196	12	BREA CREEK CHANNEL	0.1 MI S OF PACIFIC AVE	5 Not eligible for NRHP	1960	
55C0197	12	BREA CREEK CHANNEL	100' N FRANKLIN ST	5 Not eligible for NRHP	1950	
55C0198	12	COYOTE CREEK CHANNEL	0.2 MI NW OF BEACH BLVD	5 Not eligible for NRHP	1950	
55C0199	12	CARBON CREEK CHANNEL	0.1 MI N/O BALL RD	5 Not eligible for NRHP	1958	1972
55C0200	12	FULLERTON CREEK CHANNEL	50' N MELROSE ST	5 Not eligible for NRHP	1950	

Historical Significance - State Bridges

Orange County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
55 0608	12	COAL CANYON CREEK	12-ORA-091-R17.92-ANA	5 Not eligible for NRHP	1971	
55 0609S	12	GOLF CART UC	12-ORA-005-15.23-MSNV	5 Not eligible for NRHP	1971	
55 0610	12	AVENIDA VISTA HERMOSA OC	12-ORA-005-4.08-SCLE	5 Not eligible for NRHP	1981	
55 0612	12	VON KARMAN AVE OC	12-ORA-405-7.40-IRVN	5 Not eligible for NRHP	1979	
55 0613	12	ANAHM-HASTR OC	12-ORA-005-_036.610-ANA	5 Not eligible for NRHP	1981	
55 0614	12	N. ARM NEWPORT BAY	12-ORA-001-R18.22-NPTB	5 Not eligible for NRHP	1981	
55 0615	12	BROADWAY OC	12-ORA-005-33.31-SA	5 Not eligible for NRHP	1985	
55 0617M	12	HUNTINGTON CRIB WALL	12-ORA-001-27.00-HNTB	5 Not eligible for NRHP		
55 0618	12	BITTERBUSH CHANNEL	12-ORA-057-11.20-ORA	5 Not eligible for NRHP	1976	
55 0620F	12	S1-N5 CONN OC	12-ORA-001-R.13-SJCP	5 Not eligible for NRHP	1973	
55 0621M	12	N ARM NEWPORT BAY BIKE B	12-ORA-001-18.38-NPTB	5 Not eligible for NRHP	1982	
55 0629	12	ALTON PKWY OC	12-ORA-005-22.21-IRVN	5 Not eligible for NRHP	1984	
55 0630	12	HARVARD AVE OC	12-ORA-405-6.20-IRVN	5 Not eligible for NRHP	1983	
55 0631	12	LOS ALISOS BLVD OC	12-ORA-005-17.94-LGNH	5 Not eligible for NRHP	1984	
55 0632	12	BEACH BLVD UP	12-ORA-039-16.04-BPK	5 Not eligible for NRHP	1984	
55 0632W	12	BEACH BLVD UP PP	12-ORA-039-16.03-BPK	5 Not eligible for NRHP	1984	
55 0634K	12	BROOKHURST ST OH (NB)	12-ORA-004-.00-ANA	5 Not eligible for NRHP	1957	
55 0635K	12	BROOKHURST ST OH (SB)	12-ORA-004-.00-ANA	5 Not eligible for NRHP	1976	
55 0636	12	BIRCH ST OC	12-ORA-073-R25.45-NPTB	5 Not eligible for NRHP	1985	1998
55 0637S	12	MACARTHUR BLVD UC	12-ORA-073-R24.67-IRVN	5 Not eligible for NRHP	1985	
55 0638	12	YALE AVE OC	12-ORA-005-R25.80-IRVN	5 Not eligible for NRHP	1984	1991
55 0639	12	YALE AVE POC	12-ORA-405-4.67-IRVN	4 Hist sign not determin	1986	
55 0640	12	SALT CREEK PUC	12-ORA-001-3.80-DAPT	5 Not eligible for NRHP	1983	
55 0641	12	MCFADDEN STREET OC	12-ORA-055-R9.96-TUS	5 Not eligible for NRHP	1988	
55 0642K	12	S5-NWPORT/N55-S5 CON SEP	12-ORA-005-30.17-TUS	4 Hist sign not determin	1995	
55 0643G	12	N55-N5 CONN OC	12-ORA-055-10.37-TUS	5 Not eligible for NRHP	1995	
55 0644F	12	S55-S5 CONN OC	12-ORA-055-10.67-TUS	5 Not eligible for NRHP	1995	
55 0645G	12	N5-N55/N55-4TH ST CONN	12-ORA-005-30.32-TUS	5 Not eligible for NRHP	1995	
55 0646	12	1ST STREET OC	12-ORA-005-30.90-SA	5 Not eligible for NRHP	1995	
55 0646W	12	FIRST ST OC PP	12-ORA-005-30.92-SA	5 Not eligible for NRHP	1993	
55 0647	12	1ST STREET OC	12-ORA-055-10.80-TUS	5 Not eligible for NRHP	1995	
55 0647W	12	FIRST ST OC PP	12-ORA-055-10.78-TUS	5 Not eligible for NRHP	1993	
55 0648K	12	4TH ST-S55 ON RAMP OC	12-ORA-055-10.90-SA	5 Not eligible for NRHP	1992	
55 0649	12	4TH STREET OC	12-ORA-005-31.09-SA	5 Not eligible for NRHP	1995	
55 0650	12	FOURTH STREET OC	12-ORA-055-10.98-SA	5 Not eligible for NRHP	1992	
55 0652	12	CRYSTAL COVE PUC	12-ORA-001-13.44-LGNB	5 Not eligible for NRHP	1932	1992
55 0653L	12	ALTON PARKWAY OC	12-ORA-133-8.75-IRVN	5 Not eligible for NRHP	1987	
55 0653R	12	ALTON PARKWAY OC	12-ORA-133-8.75-IRVN	5 Not eligible for NRHP	1987	
55 0654	12	BARRANCA PARKWAY OC	12-ORA-133-9.00-IRVN	5 Not eligible for NRHP	1990	
55 0655	12	EL MODENA IRVN CHANNEL	12-ORA-005-27.82-TUS	4 Hist sign not determin	1992	
55 0656	12	JAMBOREE ROAD UC	12-ORA-005-27.59-IRVN	5 Not eligible for NRHP	1991	
55 0656W	12	JAMB0REE RD UC PUMP PLNT	12-ORA-005-27.60-IRVN	5 Not eligible for NRHP	1991	
55 0657	12	TUSTIN RANCH OC	12-ORA-005-28.25-TUS	4 Hist sign not determin	1992	
55 0658	12	TALBERT CHANNEL	12-ORA-001-21.82-HNTB	5 Not eligible for NRHP	1991	
55 0659G	12	N133-N5/5 CONN SEP	12-ORA-133-9.48-IRVN	5 Not eligible for NRHP	1991	

Historical Significance - Local Agency Bridges — Orange County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
55C0258	12	SHELTER CHANNEL	0.4 MI E/O ADMIRALTY DR	5 Not eligible for NRHP	1963	
55C0259	12	WEATHERLY CHANNEL	0.3 MI W/O SAYBROOK LN	5 Not eligible for NRHP	1965	
55C0260	12	TRINIDAD ISLAND CHANNEL	0.2 MI S/O EDINGER AVE	5 Not eligible for NRHP	1974	
55C0261	12	RIVO ALTO	0.1 MI NE OF BALBOA BLVD	5 Not eligible for NRHP	1973	
55C0263	12	GILBERT STREET UP	0.1 MI N COMMONWEALTH AV	5 Not eligible for NRHP	1986	
55C0264L	12	COYOTE CREEK CHANNEL	0.2 MI W LOS ALAMITOS BL	5 Not eligible for NRHP	1962	
55C0264R	12	COYOTE CREEK CHANNEL	0.2 MI W LOS ALAMITOS BL	5 Not eligible for NRHP	1956	
55C0265	12	WATERS WAY	PARK AVE AT COLLINS ISLE	5 Not eligible for NRHP	1953	
55C0266	12	TRABUCO CREEK CHANNEL	0.5 MI N OF JUNIPERO S RD	5 Not eligible for NRHP	1970	
55C0267	12	CARBON CREEK CHANNEL	0.2 MI S OF BALL RD	5 Not eligible for NRHP	1958	1963
55C0268	12	CARBON CREEK CHANNEL	0.1 MI S OF BALL RD	5 Not eligible for NRHP	1958	1964
55C0269	12	CARBON CREEK CHANNEL	0.1 MI S OF BALL RD	5 Not eligible for NRHP	1958	1963
55C0270	12	CARBON CREEK CHANNEL	0.2 MI W VLY VIEW ST	5 Not eligible for NRHP	1958	1963
55C0271	12	CARBON CREEK CHANNEL	0.3 MI N OF BALL RD	5 Not eligible for NRHP	1959	
55C0272	12	CARBON CREEK CHANNEL	200' S ORANGE AVE	5 Not eligible for NRHP	1959	
55C0273	12	CARBON CREEK CHANNEL	0.1 MI E WESTERN AVE	5 Not eligible for NRHP	1959	
55C0274	12	CARBON CREEK CHANNEL	0.2 MI S OF LINCOLN AVE	5 Not eligible for NRHP	1959	
55C0275	12	CARBON CREEK CHANNEL	0.3 MI S CRESCENT AVE	5 Not eligible for NRHP	1959	1981
55C0278M	12	CARBON CREEK CHANNEL	CITRON ST	5 Not eligible for NRHP	1959	
55C0280	12	OSO CREEK	0.4 MI E OF ROUTE I-5	5 Not eligible for NRHP	1972	
55C0281	12	OSO CREEK	0.2 MI W OF I-5	5 Not eligible for NRHP	1963	1972
55C0282	12	QUEEN ELIZABETH PASSAGE	0.1 MI NE/O PAC COAST HWY	5 Not eligible for NRHP	1963	
55C0283	12	SUNSET CHANNEL	100' N/E PACIFIC CST HWY	5 Not eligible for NRHP	1959	
55C0284	12	SHORT CHANNEL	0.1 MI W/O SAYBROOK LN	5 Not eligible for NRHP	1963	
55C0287	12	IMPERIAL CHANNEL	50' S IMPERIAL HWY	5 Not eligible for NRHP	1960	1961
55C0288	12	BREA CREEK CHANNEL	0.1 MI E/O HARBOR BLVD	5 Not eligible for NRHP	1966	
55C0289	12	BREA CREEK CHANNEL	100' S MALVERN AVE	5 Not eligible for NRHP	1957	
55C0290	12	BREA CREEK CHANNEL	100' S MALVERN AVE	5 Not eligible for NRHP	1936	1957
55C0291	12	BREA CREEK CHANNEL	AT WOODS AVE	5 Not eligible for NRHP	1939	1969
55C0292	12	FULLERTON CREEK CHANNEL	0.1 MI N/O VALENCIA DR	5 Not eligible for NRHP	1958	1976
55C0293	12	FULLERTON CREEK CHANNEL	0.2 MI S/O VALENCIA DR	5 Not eligible for NRHP	1958	
55C0294	12	FULLERTON CREEK CHANNEL	0.2 MI S/O VALENCIA DR	5 Not eligible for NRHP	1959	1987
55C0295	12	FULLERTON CR CHANNEL	0.2 MI S/O VALENCIA DR	5 Not eligible for NRHP	1977	
55C0296	12	FULLERTON CR CHANNEL	300' W RAYMOND AVE	5 Not eligible for NRHP	1964	1987
55C0297	12	FULLERTON CR CHANNEL	0.2 MI N NUTWOOD AVE	5 Not eligible for NRHP	1955	
55C0298	12	FULLERTON CR CHANNEL	0.05 MI E ACACIA AVE	5 Not eligible for NRHP	1955	
55C0299	12	CARBON CANYON CHANNEL	0.2 MI W/O ROSE DR	5 Not eligible for NRHP	1967	1987
55C0300	12	CARBON CANYON CHANNEL	0.3 MI W ORANGETHORPE AV	5 Not eligible for NRHP	1967	
55C0301	12	ATWOOD CHANNEL	50' S ORANGETHORPE AV	5 Not eligible for NRHP	1960	
55C0302	12	ATWOOD CHANNEL	0.1 MI S ORANGETHORPE AV	5 Not eligible for NRHP	1965	
55C0303	12	ATWOOD CHANNEL	0.1 MI S ORANGETHORPE AV	5 Not eligible for NRHP	1965	
55C0304	12	ATWOOD CHANNEL	0.1 MI S ORANGETHORPE AV	5 Not eligible for NRHP	1965	1986
55C0307	12	LEMON PARK POC	0.3 MI N/O ORANGETHORPE	5 Not eligible for NRHP	1977	
55C0308	12	WALNUT AVE OC	0.11 MI S COMMONWEALTH AV	5 Not eligible for NRHP	1978	
55C0309	12	LEMON ST UP	0.1 MI S/O COMMONWEALTH A	5 Not eligible for NRHP	1978	

Historical Significance - Local Agency Bridges — Orange County

Bridge Number	District	Structure Name	Location	Historical Significance	Year Built	Year Wid/Ext
55C0310	12	COMMONWEALTH AVE UP	0.2 MI E BROOKHURST RD	5 Not eligible for NRHP	1961	
55C0311	12	EUCLID ST SOUTH UP	0.11 MI S/O COMMONWEAL AV	5 Not eligible for NRHP	1960	
55C0312	12	EUCLID ST NORTH UP	0.1 MI S/O COMMONWEAL AV	5 Not eligible for NRHP	1960	
55C0313	12	LOFTUS DIVERSION CHANNEL	0.3 MI N IMPERIAL HWY	5 Not eligible for NRHP	1968	
55C0314	12	ATWOOD CHANNEL	0.5 MI N LA PALMA AVE	5 Not eligible for NRHP	1965	
55C0315	12	RICHFIELD CHANNEL	0.3 MI N ORANGETHORPE AV	5 Not eligible for NRHP	1964	1992
55C0316	12	RICHFIELD CHANNEL	0.1 MI N ORANGETHORPE AV	5 Not eligible for NRHP	1964	1992
55C0317	12	CARBON CYN DIVERSION CHA	0.3 MI W/O MILLER ST	5 Not eligible for NRHP	1960	
55C0319	12	CARBON CYN DIVERSION CHA	0.1 MI E KRAEMER BLVD	5 Not eligible for NRHP	1960	
55C0321	12	COLLINS CHANNEL	0.1 MI E/O MAIN ST	5 Not eligible for NRHP	1959	
55C0322	12	COLLINS CHANNEL	0.3 MI S/O KATELLA AVE	5 Not eligible for NRHP	1959	
55C0324	12	BITTERBUSH CHANNEL	0.7 MI W/O MAIN ST	5 Not eligible for NRHP	1973	
55C0325	12	IMPERIAL CHANNEL	0.1 MI N IMPERIAL HWY	5 Not eligible for NRHP	1963	
55C0326	12	COYOTE CR CHANNEL	0.1 MI S LAMBERT RD	5 Not eligible for NRHP	1963	
55C0327	12	COYOTE CR CHANNEL	0.2 MI E IDAHO ST	5 Not eligible for NRHP	1972	
55C0328	12	COYOTE CR CHANNEL	0.1 MI N LAMBERT RD	5 Not eligible for NRHP	1978	
55C0329	12	COYOTE CR CHANNEL	0.2 MI NORTH LAMBERT RD	5 Not eligible for NRHP	1965	1978
55C0330	12	COYOTE CR CHANNEL	0.2 MI NORTH LAMBERT RD	5 Not eligible for NRHP	1978	
55C0331	12	COYOTE CR CHANNEL	0.1 MI NORTH LAMBERT RD	5 Not eligible for NRHP	1965	
55C0333	12	SANTIAGO CREEK CHANNEL	0.1 MI N OF ROUTE 22	5 Not eligible for NRHP	1972	
55C0334M	12	EL MODENA-IRVINE CHANNEL	BRYAN AVE	5 Not eligible for NRHP	1980	1987
55C0336	12	EL MODENA IRVINE CHANNEL	0.2 MI W JAMBOREE RD	5 Not eligible for NRHP	1974	
55C0339L	12	SAN DIEGO CREEK CHANNEL	0.3 MI E JAMBOREE RD	5 Not eligible for NRHP	1969	1988
55C0339R	12	SAN DIEGO CREEK CHANNEL	0.3 MI E JAMBOREE RD	5 Not eligible for NRHP	1988	
55C0340M	12	PETERS CANYON CHANNEL	0.3 MI W HARVARD AVE	5 Not eligible for NRHP	1963	
55C0342L	12	PETERS CANYON CHANNEL	0.2 MI E JAMBOREE RD	5 Not eligible for NRHP	1969	
55C0342R	12	PETERS CANYON CHANNEL	0.2 MI E JAMBOREE RD	5 Not eligible for NRHP		
55C0343	12	EAST BREA CHANNEL	0.1 MI S IMPERIAL HY	5 Not eligible for NRHP	1967	
55C0344	12	SANTA ANA RIVER CHANNEL	0.5 MI E BROOKHURST ST	5 Not eligible for NRHP	1977	
55C0345	12	FULLERTON DAM DIV CHANNE	0.3 MI N/O BASTANCHURY	5 Not eligible for NRHP	1941	1965
55C0346	12	CARBON CREEK CHANNEL	0.1 MI S ORANGETHORPE AVE	5 Not eligible for NRHP	1969	1977
55C0347	12	CARBON CREEK CHANNEL	0.1 MI S LINCOLN AVE	5 Not eligible for NRHP	1959	
55C0348M	12	CARBON CREEK CHANNEL	CRESCENT AVE	5 Not eligible for NRHP	1959	1971
55C0349	12	CARBON CREEK CHANNEL	0.1 MI N CRESCENT AVE	5 Not eligible for NRHP	1960	
55C0350	12	CARBON CREEK CHANNEL	0.2 MI N CRESCENT AVE	5 Not eligible for NRHP	1960	
55C0351	12	CARBON CREEK CHANNEL	0.2 MI N CRESCENT AVE	5 Not eligible for NRHP	1961	
55C0352	12	CARBON CREEK CHANNEL	0.1 MI S LA PALMA AVE	5 Not eligible for NRHP	1961	
55C0353	12	CARBON CREEK CHANNEL	300' W OF EAST ST	5 Not eligible for NRHP	1961	
55C0354	12	CARBON CREEK CHANNEL	300' W OF EAST ST	5 Not eligible for NRHP	1961	
55C0355	12	PLACENTIA STORM CHANNEL	100' W OF SR 57	5 Not eligible for NRHP	1969	
55C0356	12	PLACENTIA STORM CHANNEL	100' W OF SR 57	5 Not eligible for NRHP	1969	
55C0357	12	SAN DIEGO CREEK CHANNEL	0.2 MI S BARRANCA PKY	5 Not eligible for NRHP	1971	
55C0361M	12	LANE CHANNEL	100'E MACARTHUR BLVD	5 Not eligible for NRHP		1987
55C0362	12	LANE CHANNEL	100' N/E MCARTHUR BLVD	5 Not eligible for NRHP		
55C0363	12	SANTA ANA DELHI CHANNEL	100' E FLOWER ST	5 Not eligible for NRHP	1971	

APPENDIX 4

CORRESPONDENCE WITH LOCAL COMMUNITY AND NATIVE AMERICAN REPRESENTATIVES*

Third Main Track and Grade Separation Project
Hobart (MP 148.9) to Basta (MP 163.3)
BNSF/Metrolink East-West Main Line Railroad Track
Vernon to Fullerton, Los Angles and Orange Counties, California

* All Cities along the project route and all persons and organizations in the Native American Heritage Commission's referral list were contacted. Sample letters are included in this report.

CRM TECH

FAX COVER SHEET

2411 Sunset Drive
Riverside, CA 92506
909·784·3051·Tel
909·784·2987·Fax

To:
Rob Wood

Native American
Heritage Commission

Fax:
(916) 657-5390

From:
Laura Hensley Shaker

Date:
July 3, 2002

Number of pages (including this cover sheet):
2

HARDCOPY:

_____ will follow by mail

_√_ will not follow unless requested

RE: Sacred Land records search

Dear Mr. Wood:

This is to request a Sacred Lands records search. The Area of Potential Effects runs through Los Angeles County, California. The project involves the construction of a third rail corridor of the BNSF Railroad, extending from the City of Vernon (Hobart) about 14.7 miles south to the City of Fullerton (Basta Station). There will also be grade separations at seven different intersections along this section of tracks.

- **Name of project:** 789: Grade Separation L.A.
- **Project location:** The project is located in the counties of Los Angeles and Orange, and include the cities of Buena Park, Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, and Santa Fe Springs.
- **USGS quad information:**
  Los Angeles, Calif., 7.5' quadrangle. T2S R13/12W

  South Gate, Calif., 7.5' quadrangle. T2S R12W

  Whittier, Calif., 7.5' quadrangle.
  Sections 16,17,21,22,26; T2/3S R12/11W

  La Habra, Calif., 7.5' quadrangle.
  Sections 25,26; T3S R11W

  Anaheim, Calif., 7.5' quadrangle.
  Sections 25,26,27,28,29,30 ; T3S R11/10W

Thank you very much for your assistance.

Sincerely,

Laura Hensley Shaker
CRM TECH

Map included

July 10, 2002

Gabrielino/Tongva Tribal Council of the Gabrielino Nation
501 Santa Monica Blvd., Suite 500
Santa Monica, CA 90401-2415

RE: Proposed project 789-Grade Separation LA

Dear Council:

CRM TECH has been hired to conduct the cultural resources study for the proposed project referenced above. One of our responsibilities in this capacity is to consult with the people most likely to be aware of Native American cultural resources in the vicinity of this undertaking. Therefore, I am writing to inquire if you or other members of your group have any knowledge of sacred/religious sites or other sites of Native American traditional cultural concern at or near the location of the above referenced project.

The proposed project is located in the counties of Los Angeles and Orange, and include the cities of Buena Park, Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, and Santa Fe Springs. The project's Area of Potential Effects (APE) is depicted on the accompanying page, based on the Los Angeles County Metropolitan Area road map.

CRM TECH is in the process of conducting an intensive-level field survey of the APE for this project. The results of the survey are completely negative thus far, and no archaeological sites, features, or artifacts were discovered within the APE.

Any information you can provide about Native American concerns regarding the location of this project will be greatly appreciated. Thank you very much for your consideration of this matter.

Thank you very much for your consideration of this matter.

Cordially,

Laura Hensley Shaker
CRM TECH

STATE OF CALIFORNIA Gray Davis, Governor

NATIVE AMERICAN HERITAGE COMMISSION
915 CAPITOL MALL, ROOM 364
SACRAMENTO, CA 95814
(916) 653-4082
Fax (916) 657-5390
Web Site www.nahc.ca.gov

July 5, 2002

Laura Hensley Shaker
CRM TECH
2411 Sunset Drive
Riverside, CA 92506

RE: Proposed 789: Grade Separation L.A., Buena Park, Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, and Santa Fe Springs; Los Angeles and Orange County.

Sent by Fax: (909) 784-2987
Pages Sent: 3

Dear Ms. Shaker:

A record search of the sacred lands file has failed to indicate the presence of Native American cultural resources in the immediate project area. The absence of specific site information in the sacred lands file does not indicate the absence of cultural resources in any project area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites.

Enclosed is a list of Native Americans individuals/organizations who may have knowledge of cultural resources in the project area. The Commission makes no recommendation or preference of a single individual, or group over another. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. I suggest you contact all of those indicated, if they cannot supply information, they might recommend other with specific knowledge. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact me at (916) 653-4040.

Sincerely,

Rob Wood
Environmental Specialist III

NATIVE AMERICAN CONTACTS
Los Angeles and Orange Counties
July 5, 2002

Samuel H. Dunlap
P.O. Box 1391 Gabrielino
Temecula, 92593 Cahuilla
CA
(909) 699-5544 (Voice) Luiseno
(909) 262-9351 (Cell)
(909) 693-9196 FAX

John Valenzuela
PO Box 402597 Chumash
Hesperia, 92340 Tataviam
CA
(760) 949-2103 Home Tongva, Gabrielino
Vanyume; Serrano
Kitanemuk

LA City/County Native American Indian Comm
3175 West 6th Street, Rm. 403
Los Angeles, 90020
CA
(213) 351-5308
(213) 386-3995 FAX

Gabrieleno/Tongva Tribal Council
Anthony Morales, Chairperson
PO Box 693 Gabrieleno Tongva
San Gabriel, CA 91778
(626) 286-1632
(626) 286-1262 Fax
(626) 286-1758 (Home)

Ti'At Society
Cindi Alvitre
PO Box 1138 Gabrielino
Avalon, CA 90704
(310) 510-8934

Craig Torres
713 E. Bishop Gabrielino Tongva
Santa Ana, 92701
CA
(714) 542-6678

Island Gabrielino Group
John Jeffredo
PO Box 669 Gabrielino
San Marcos, CA 92079-0
619 723-9279

Angela Louise Lassos-Sanchez
336 Metropole / PO Box 1204 Gabrielino Tongva
Avalon, 90704
CA
(310) 510-1082 - Home

Gabrielino Tongva Indians of California Tribal Council
Robert F. Dorame, Chairperson
PO Box 490 Gabrielino Tongva
Bellflower, CA 90707
(562) 761-6417 - Voice
562 920-9449 - Fax

Alfred L. Valenzuela
18678 Pad Court Chumash
Newhall, 91321 Tataviam
CA
(661) 252-1486 Home Gabrielino
(661) 755-8314 Work Kitanemuk
Vanyume ; Serrano

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regards to the cultural assessment for the proposed 7th: Grade Separation L.A., Buena Park, Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, and Santa Fe Springs; Los Angeles and Orange Counties.

NATIVE AMERICAN CONTACTS
Los Angeles and Orange Counties
July 5, 2002

Jim Velasques
5776 42nd Street
Riverside, CA 92509
(909) 784-6660
Gabrielino
Kumeyaay

Gabrielino/Tongva Tribal Council of the Gabrielino Tongva Nation
501 Santa Monica Blvd., Suite 500
Santa Monica, CA 90401-2415
(310) 587-2203
(310) 587-2281 Fax
Gabrieleno Tongva

This list is current only as of the date of this document.

Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regards to the cultural assessment for the proposed 789: Grade Separation L.A., Buena Park, Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, and Santa Fe Springs; Los Angeles and Orange Counties.

CRM TECH
FAX COVER SHEET

2411 Sunset Drive
Riverside, CA 92506
909·784·3051·Tel
909·784·2987·Fax

To:
Samuel Dunlap
Tribal Secretary

Gabriellino/Tongva
Tribal Council of the
Gabriellino Tongva
Nation

Fax:
(310) 587-2281

From:
Laura Hensley Shaker

Date:
July 22, 2002

Number of pages (including this cover sheet):
1

HARDCOPY:

_____ will follow by mail

_√_ will not follow unless requested

RE: 789: Grade Separation L.A.

The proposed project involves the construction of a third rail corridor of the BNSF Railroad, extending from the City of Vernon (Hobart) about 14.7 miles south to the City of Fullerton (Basta Station). There will also be grade separations at seven different intersections along this section of tracks.

Dear Mr. Dunlap:

Thank you very much for promptly responding to our letter. We received your fax regarding you request of having a Native American monitor in addition to a qualified archaeologist on duty during any subsurface digging for the proposed project. CRM TECH will inform the client of your recommendations for the project referenced above.

Please let us know if you need more information or have any questions.

Thank you,

Laura Hensley Shaker
CRM TECH

GABRIELINO/TONGVA TRIBAL COUNCIL
of the
GABRIELINO TONGVA NATION
501 Santa Monica Blvd., Suite 500
Santa Monica, CA 90401-2415
(310) 587-2203
(310) 587-2281 (fax)
www.TongvaTribe.org

July 16, 2002

Laura Hensley Shaker
CRM Tech
2411 Sunset Drive
Riverside, CA 92506

RE: Project 789 - Grade Separation, LA

Dear Ms. Shaker:

In response to your letter dated 07/10/02, I am stating the following concerns of our tribal council. After evaluating the correspondence that you provided, our concerns would be for the adequate protection of any archaeological deposits that may be encountered during the construction of the proposed project. Although it appears that your company is conducting the proper field survey of the Area of Potential Effects for this project, your observations would seem to be limited to only surface artifacts. We would recommend that adequate provisions be made for onsite archaeological monitoring during subsurface construction activity of this project. Since this project falls within the traditional cultural properties of the Gabrielino/Tongva, I would request that a Native American monitoring component be included in order to assist the archaeologist in the proper disposition and identification of Native American burials and/or cultural deposits that may be uncovered.

We look forward to being involved in the environmental review process and I anticipate discussing this project with you further. Please feel free to contact me at (909) 262-9351.

Sincerely,

Samuel H. Dunlap
Tribal Secretary

"One Tribe, One Nation, For all Gabrielinos"

CRM TECH
FAX COVER SHEET

2411 Sunset Drive
Riverside, CA 92506
909·784·3051·Tel
909·784·2987·Fax

To:
Bob Zarrilli
Head of Planning

City of Commerce
Planning Department

Fax:
(323) 887-4441

From:
Laura Hensley Shaker

Date:
July 31, 2002

Number of pages (including this cover sheet):
3

HARDCOPY:

_____ will follow by mail

_√_ will not follow unless requested

RE: Cultural resources/Historical Preservation concerns pertaining to the Third Main Tack and Grade Separation Project

Dear Mr. Zarrilli:

CRM TECH has been hired by Tom Dodson and Associates to conduct the cultural resources study for the proposed project referenced above. One of our responsibilities in this capacity is to consult with the cities involved to determine if they have historic preservation and cultural resources concerns at or near the location of the above referenced project.

The proposed undertaking involves the construction of a third rail corridor of the BNSF Railroad, extending from the City of Vernon (Hobart) about 14.7 miles south to the City of Fullerton (Basta Station). There will also be grade separations at seven different intersections along this section of tracks. There is not a scheduled grade separation along the section of track concerning the City of Commerce.

I have included a map of the area of potential effects in the City of Commerce.

USGS quad information pertaining to the City of Commerce:

Los Angeles, Calif., 7.5' quadrangle.
T2S R12/13W

South Gate, Calif., 7.5' quadrangle. T2S R12W

Please let us know if you need more information or have any questions. Or you may contact:
Tom Dodson at *Tom Dodson and Associates* (909) 882-3612

Thank you,

Laura Hensley Shaker
CRM TECH

August 21, 2002

Heritage Coordinating Council
c/o Fullerton Public Library
353 W Commonwealth Ave.
Fullerton, CA 92835

RE: Cultural resources/Historical Preservation concerns pertaining to the Third Main Tack and Grade Separation Project

To Whom It May Concern:

CRM TECH has been hired to conduct the cultural resources study for the proposed project referenced above. One of our responsibilities in this capacity is to consult with the local historical societies along the project route to determine if they have historic preservation and cultural resources concerns at or near the location of the above referenced project.

The proposed undertaking involves the construction of a third rail corridor of the BNSF Railroad, extending from the City of Vernon (Hobart) about 14.7 miles south to the City of Fullerton (Basta Station). The majority of the project is confined within the existing right-of-way. There will be grade separations at six different intersections along this section of tracks. However there is not a scheduled grade separation within the City of Fullerton.

The project's Area of Potential Effects (APE) is depicted on the accompanying page, based on the Los Angeles County Metropolitan Area road map. Any information you may have on potential historical resources within or adjacent to the project area, including those of local historical interest, will be greatly appreciated.

Please let us know if you need more information or have any questions.

Thank you,

Laura Hensley Shaker
CRM TECH

August 21, 2002

Whittier Historical Society and Museum
6755 Newlin Ave.
Whittier, CA 90601

RE: Cultural resources/Historical Preservation concerns pertaining to the Third Main Tack and Grade Separation Project

To Whom It May Concern:

CRM TECH has been hired to conduct the cultural resources study for the proposed project referenced above. One of our responsibilities in this capacity is to consult with the local historical societies along the project route to determine if they have historic preservation and cultural resources concerns at or near the location of the above referenced project.

The proposed undertaking involves the construction of a third rail corridor of the BNSF Railroad, extending from the City of Vernon (Hobart) about 14.7 miles south to the City of Fullerton (Basta Station). The majority of the project is confined within the existing right-of-way. There will be grade separations at six different intersections along this section of tracks. However there is not a scheduled grade separation within the City of Whittier.

The preliminary results of the survey indicate that a total of 49 pre-1957 buildings are located adjacent to the project area, but 48 of them only date to the 1950s, including 47 early-1950s tract homes in Pico Rivera, La Mirada, and the Los Nietos/Rivera area. The only building that predates 1950 is a ca. 1914 residence on the northeastern corner of Pioneer Boulevard and Rivera Road, which was the home of the Gish family during the historic period. In 1914, the family was headed by Caleb J. Gish, a Rivera walnut farmer, and several of his sons, including Ralph Gish, who later inherited the property, worked and/or lived in Whittier during the 1920s-1940s. Any information you might have on this house or the Gish family will be greatly appreciated.

The project's Area of Potential Effects (APE) is depicted on the accompanying page, based on the Los Angeles County Metropolitan Area road map. If you are aware of any potential historical resources within or adjacent to the project area, including those of local historical interest, please let us know at your earliest convenience.

Please let us know if you need more information or have any questions.

Thank you,

Laura Hensley Shaker
CRM TECH

TELEPHONE LOG: NATIVE AMERICAN CONSULTATION

Name	Time & Date of Calls	Responses
Cindi Alvitre	11:00 am, July 23, 2002 8:11 am, July 24, 2002	No responses to date.
Gabrielino/Tongva Tribal Council of the Gabrielino Nation	11:00 am, July 23, 2002	Samuel H. Dunlap responded on behalf of the Council (see below).
Robert F. Dorame	11:27 am, July 23, 2002 12:26 pm, July 23, 2002	No responses to date.
Samuel H. Dunlap	(Responded in writing)	Mr. Dunlap recommends that an archaeologist and a Native American monitor be present during earth-moving operations.
John Jeffredo	11:33 am, July 23, 2002 8:13 am, July 24, 2002	Telephone number temporarily out of service.
L.A. City/County Native American Indian Commission	11:35 am, July 23, 2002	The Commission did not express any concerns or comments regarding the project.
Angela Lassos-Sanchez	11:40 am, July 23, 2002 8:15 am, July 24, 2002	Wrong number.
Anthony Morales	9:10 am, July 11, 2002	Mr. Morales states that the areas along the APE are highly sensitive for Native American archaeological remains. He emphasizes that there is always the possibility of finding artifacts even if the results of the survey are negative.
Craig Torres	11:42 am, July 23, 2002 8:58 am, July 24, 2002 9:00 am, July 26, 2002	No responses to date.
Alfred L. Valenzuela	10:15 am, July 23, 2002 8:55 am, July 24, 2002 9:10 am, July 26, 2002	No responses to date.
John Valenzuela	10:30 am, July 23, 2002	Based on the presence of previously identified sites within a one-mile radius, Mr. Valenzuela recommends that an archaeologist and a Native American monitor be present during earth-moving operations.
Jim Velasques	10:45 am, July 23, 2002	Mr.Velasques does not have any concerns regarding this project.

TELEPHONE LOG: CONSULTATION WITH LOCAL GOVERNMENTS

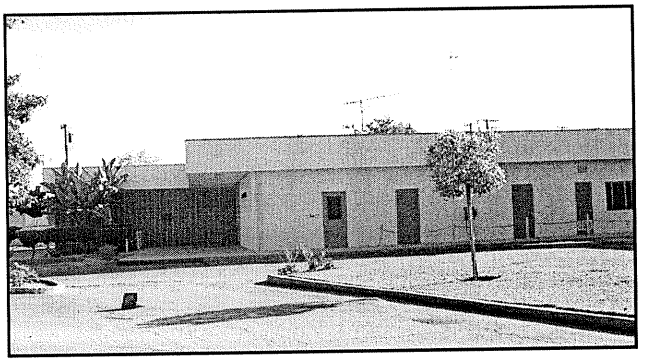
Agency	Contacts	Time & Date of Calls	Responses
City of Buena Park	Sam Makar, Planning Dept.	9:13 am, July 30, 2002 9:33 am, July 30, 2002	The City has no cultural resource concerns regarding this project.
City of Commerce	Bob Zarrilli, Planning Dept.; Larry Garcia, Public Services	2:30 pm, July 29, 2002 8:30 am, July 30, 2002 9:30 am, July 30, 2002 10:10 am, Aug. 2, 2002	No responses to date.
City of Fullerton	Teri Galvin, Planning Dept.	3:00 pm, July 29, 2002 3:30 pm, July 29, 2002	The City has no cultural resource concerns regarding this project.
City of La Mirada	Steve Mendoza, Planning Dept.	3:30 pm, July 25, 2002	The City has no cultural resource concerns regarding this project.
City of Montebello	Ted Spaceff, Director of Public Works	8:50 am, July 30, 2002 1:00 pm, July 30, 2002 8:46 am, July 31, 2002	Mr. Spaceff will comment after learning more about the project.
City of Norwalk	Clay Rumbaoa, Planning Dept.	8:00 am, July 31, 2002 10:30 am, July 31, 2002 10:13 am, Aug. 2, 2002 2:45 pm, Aug. 5, 2002 3:00 pm, Aug. 5, 2002 3:40 pm, Aug. 5, 2002	Mr. Rumbaoa states that the City may have cultural resource concerns regarding the project, but has not identified specific issues.
City of Pico Rivera	Julie Ramirez, Planning Dept.	9:06 am, July 30, 2002 9:30 am, Aug. 5, 2002	The City has no cultural resource concerns regarding this project.
City of Sante Fe Springs	Gilbert Lee, Planning Dept.	9:10 am, July 30, 2002 10:45 am, July 30, 2002	A commemorative plaque at the intersection of Los Nietos Road and Norwalk Boulevard marking the approximate location of the historic Los Nietos School will need to be relocated and rededicated.
City of Vernon	Kevin Wilson, Board of Directors	2:00 pm, July 29, 2002 11:20 am, July 30, 2002 11:51 am, July 31, 2002	The City has no cultural resource concerns regarding this project.

POST-1957 BUILDINGS IN THE AREA OF POTENTIAL EFFECTS

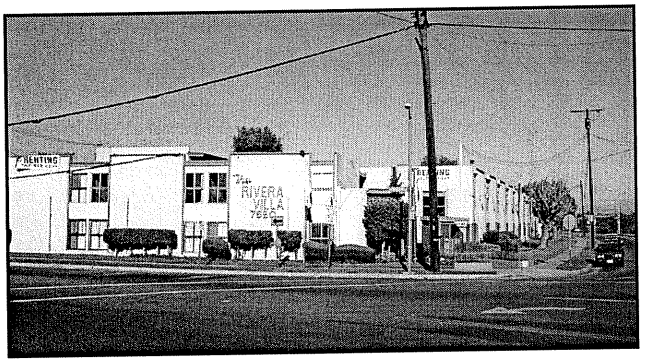
Third Main Track and Grade Separation Project
Hobart (MP 148.9) to Basta (MP 163.3)
BNSF/Metrolink East-West Main Line Railroad Track
Vernon to Fullerton, Los Angles and Orange Counties, California

Prepared by:

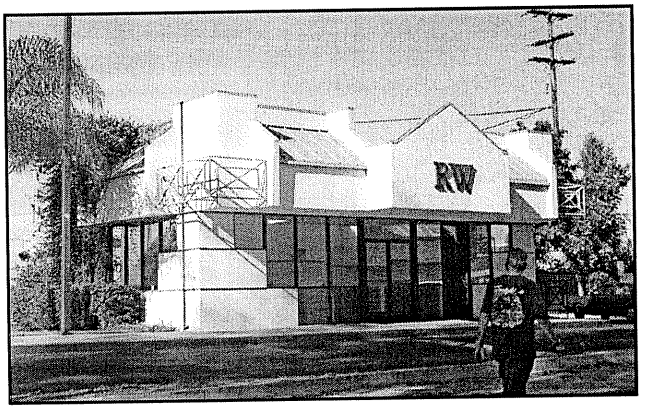
Bai "Tom" Tang, M.A., Principal Investigator
Teresa Woodard, B.A., Historian/Architectural Historian
CRM TECH
4472 Orange Street
Riverside, CA 92501



APN: 6383-037-902
Address: 7601 Cord Avenue, Pico Rivera
Identifier: Maizeland School
Construction Date: Ca. 1965

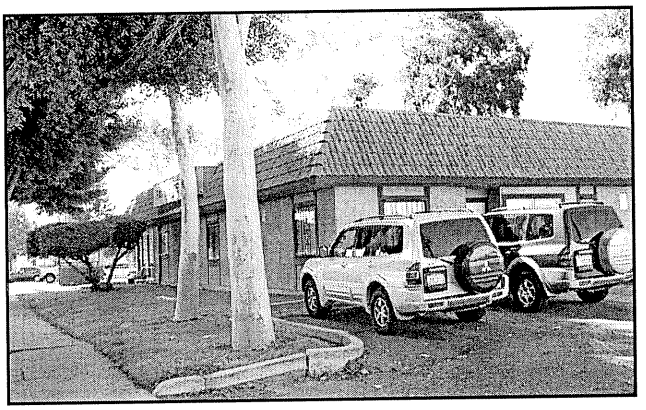


APN: 6383-037-017
Address: 7650 Passons Boulevard, Pico Rivera
Identifier: The Rivera Villa Appartments
Construction Date: 1962-1963



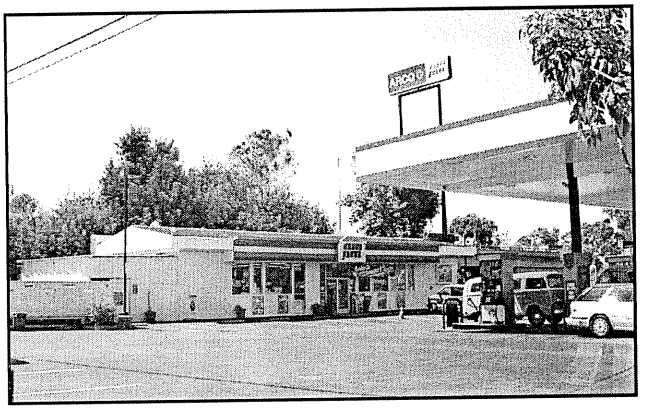
APN: 6383-038-010
Address: 7748 Passons Boulevard, Pico Rivera
Identifier: Commercial building
Construction Date: 1990

APN: 6382-021-035 to-38
Address: 9311-9349 Slauson Avenue, Pico Rivera
Identifier: Commercial buildings
Construction Date: 1987

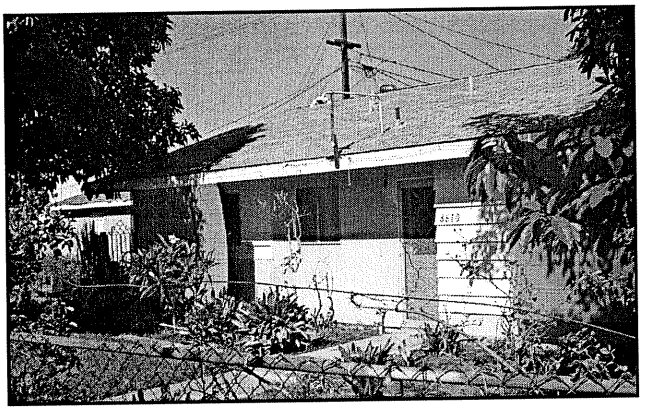


APN: 6383-038-001
Address: 9401 Slauson Avenue, Pico Rivera
Identifier: Dental clinic
Construction Date: 1980

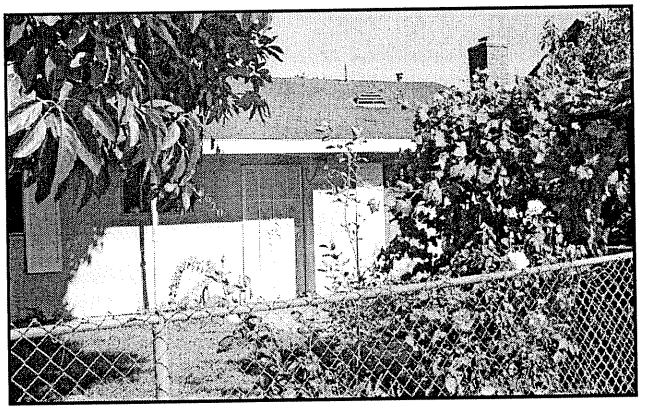
APN: 6383-038-010
Address: 9419 Slauson Avenue, Pico Rivera
Identifier: Commercial building
Construction Date: 1990



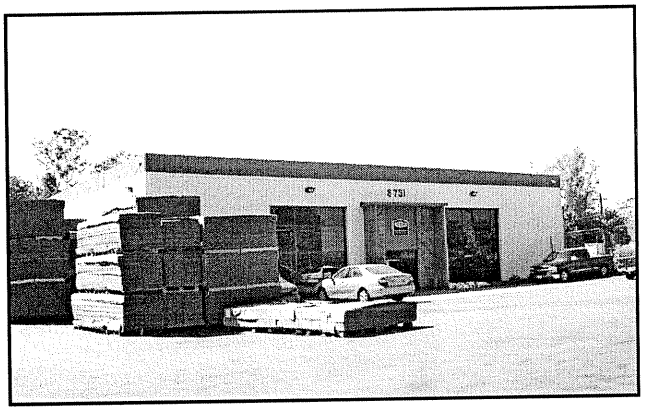
APN: 8177-026-049
Address: 8505 Pioneer Boulevard, L.A. County
Identifier: Arco gas station
Construction Date: 1980s-1990s (est.)



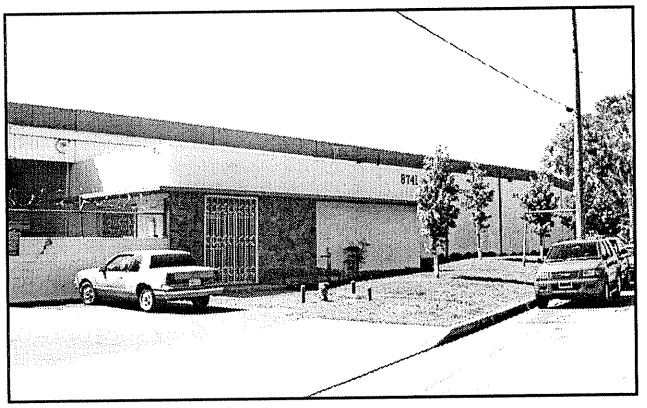
APN: 8177-026-027
Address: 8610 Pioneer Boulevard, L.A. County
Identifier: Single-family residence
Construction Date: 1969



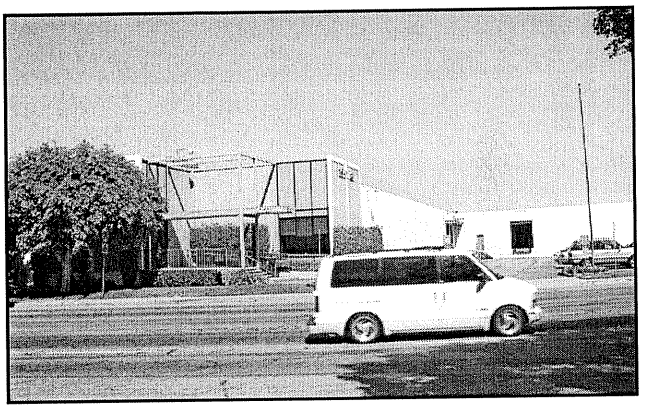
APN: 8177-026-026
Address: 8620 Pioneer Boulevard, L.A. County
Identifier: Single-family residence
Construction Date: 1969



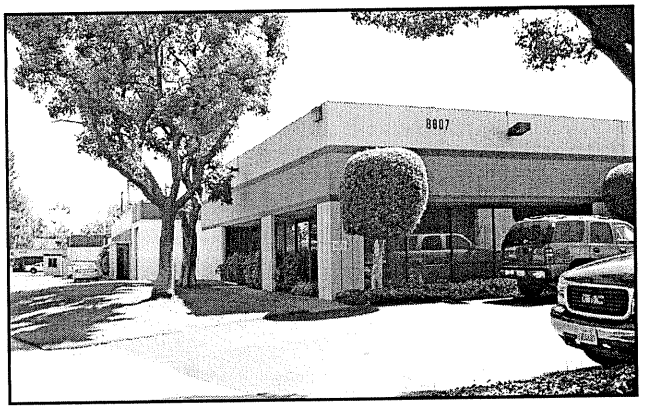
APN: 8177-031-013
Address: 8731 Pioneer Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1962-1966



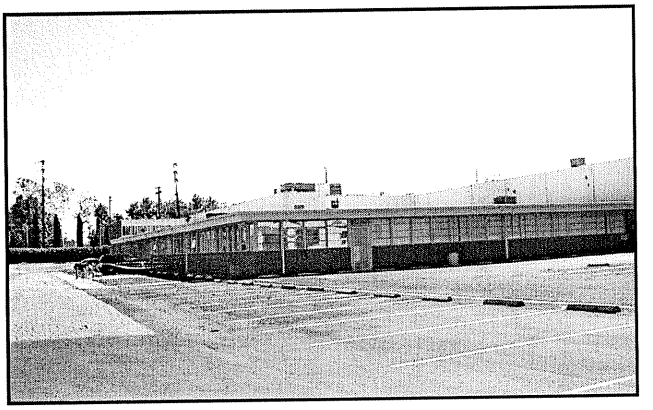
APN: 8177-031-009
Address: 8741 Pioneer Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1962-1966



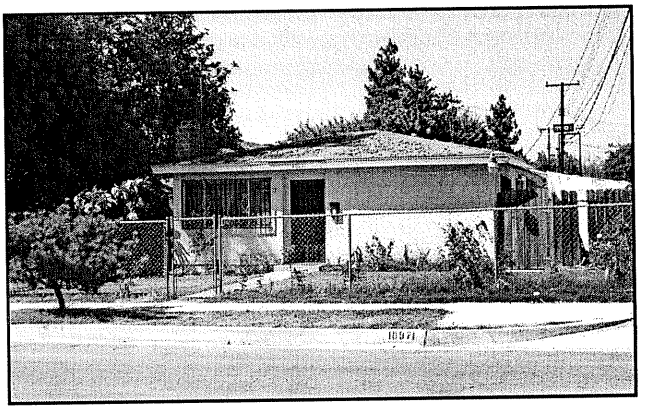
APN: 8178-037-020
Address: 8750 Pioneer Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1969



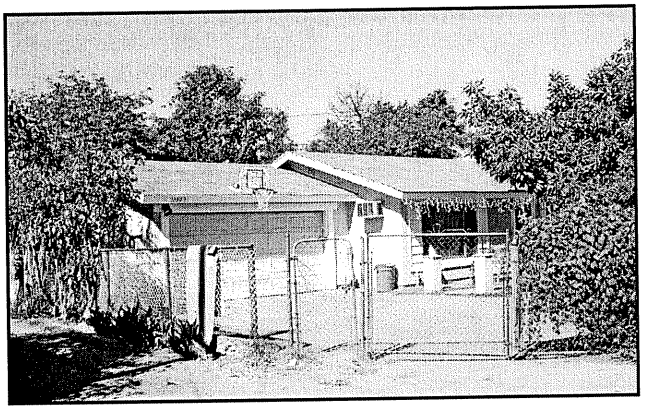
APN: 8177-031-010
Address: 8807 Pioneer Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1978



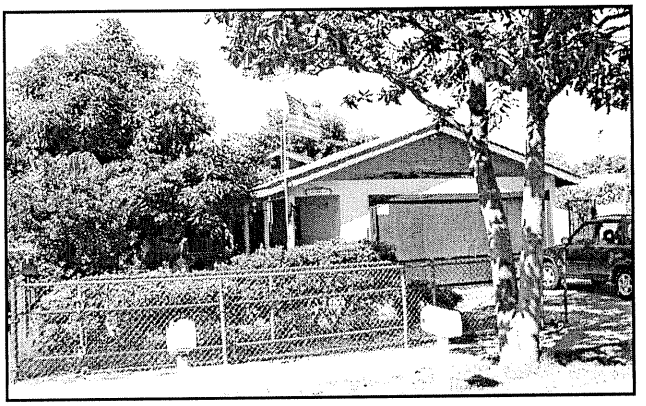
APN: 8178-037-012
Address: 8825 Pioneer Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1962-1963



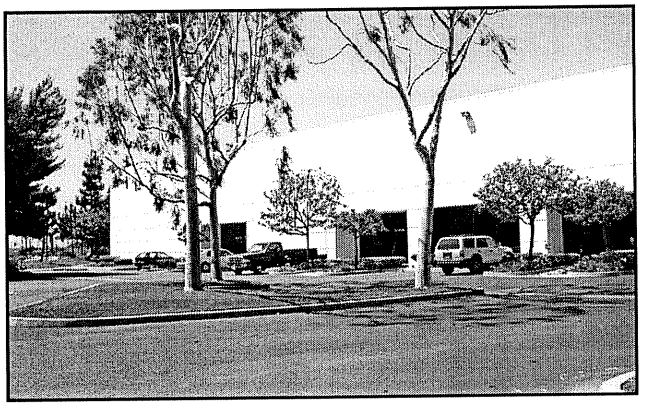
APN: 8177-026-040
Address: 10971 Rivera Road, L.A. County
Identifier: Single-family residence
Construction Date: 1969



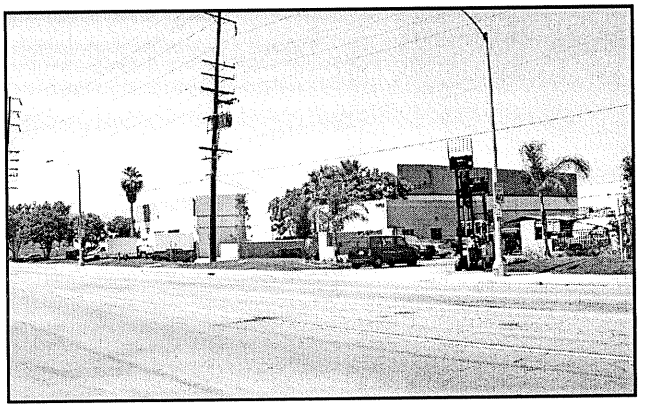
APN: 8177-026-029
Address: 11009 Rivera Road, L.A. County
Identifier: Single-family residence
Construction Date: 1970



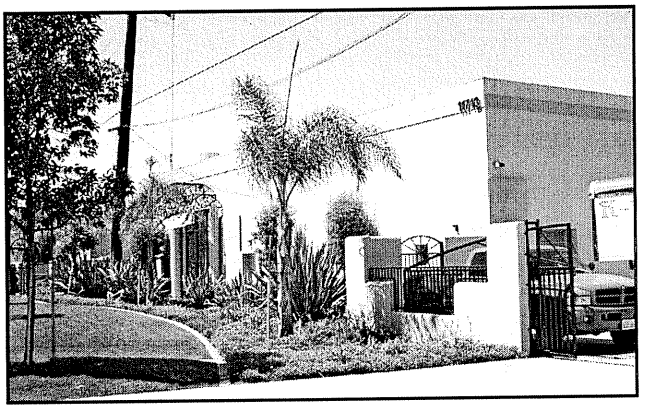
APN: 8177-026-030
Address: 11011 Rivera Road, L.A. County
Identifier: Single-family residence
Construction Date: 1969-1970



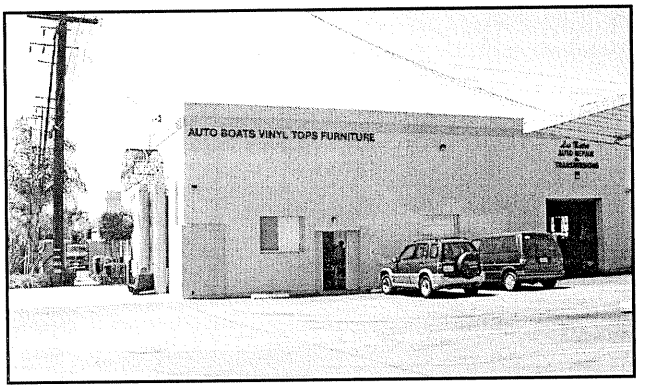
APN: 8168-001-025
Address: 9115 Dice Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1989



APN: 8178-035-010
Address: 11703 Los Nietos Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1980s (est.)

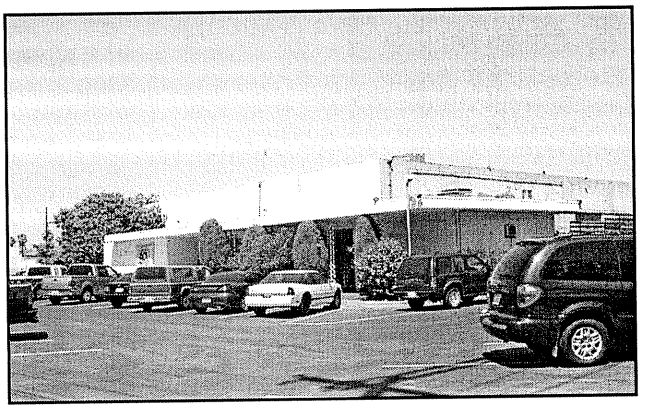


APN: 8178-035-011
Address: 11713 Los Nietos Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1980s (est.)



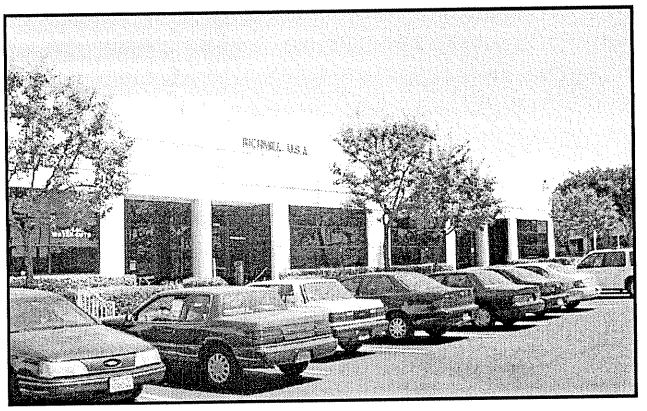
APN: 8178-035-008
Address: 11731 Los Nietos Road, Santa Fe Springs
Identifier: Commercial building
Construction Date: 1960s-1970s (est.)

APN: 8168-001-027 and -028
Address: 11925-11933 Los Nietos Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1988



APN: 8168-001-015
Address: 9016 Norwalk Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1988

APN: 8168-035-016
Address: 9023 Norwalk Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1992

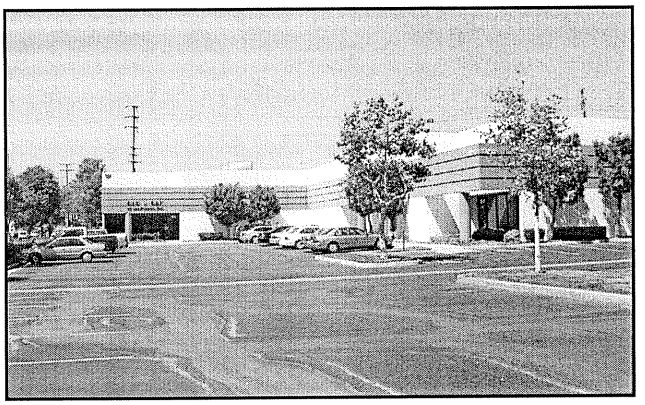


APN: 8168-001-034
Address: 9120-9128 Norwalk Blvd., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1988

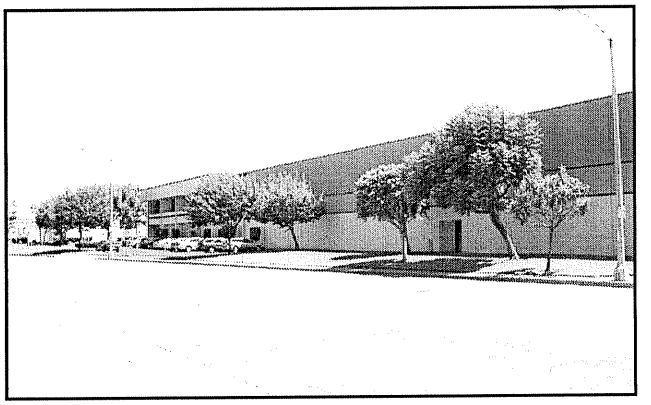
APN: 8168-001-028
Address: 9130-9140 Norwalk Blvd., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1989

APN: 8178-035-008
Address: 9135 Norwalk Boulevard, Santa Fe Springs
Identifier: Fastfood restaurant
Construction Date: 1963

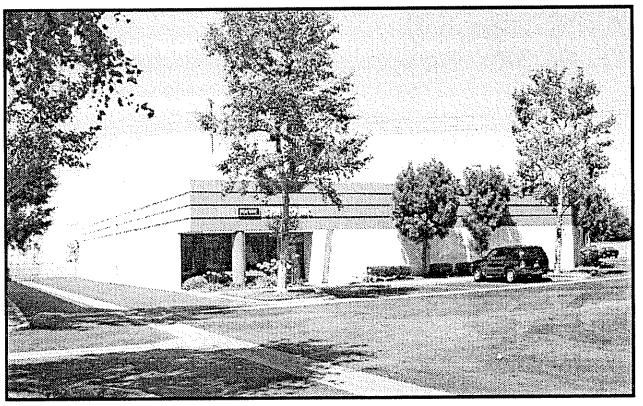
APN: 8168-001-028
Address: 9142-9160 Norwalk Blvd., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1988



APN: 8002-016-014 and -018 to -020
Address: 9210-9218 Norwalk Blvd., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1985-1986

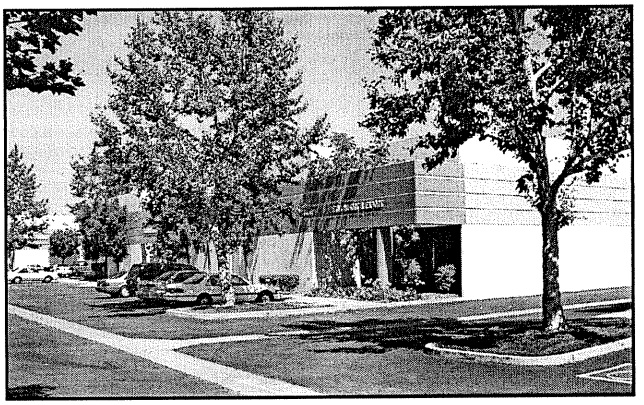


APN: 8002-013-008
Address: 9211 Norwalk Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1980

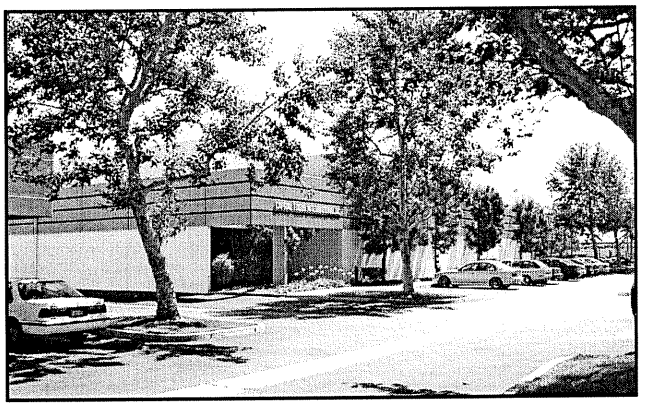


APN: 8002-016-020
Address: 9220 Norwalk Boulevard, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1986

APN: 8002-016-016
Address: 9230-9234 Norwalk Blvd., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1986



APN: 8002-016-020 and -029
Address: 9240-9244 Norwalk Blvd., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1986



APN: 8002-017-029 and -030
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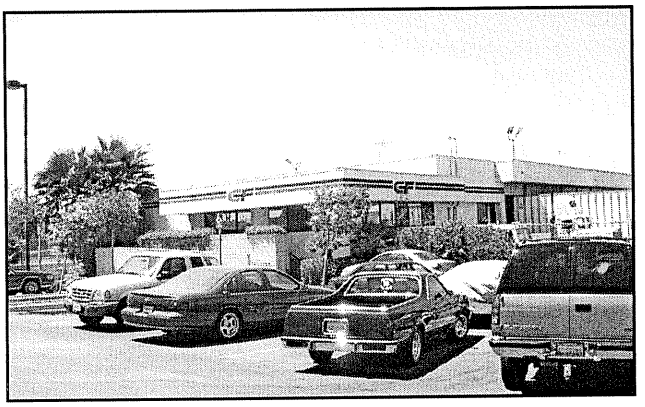
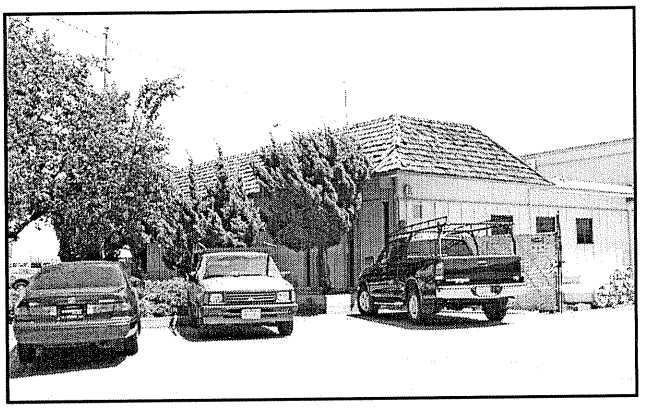
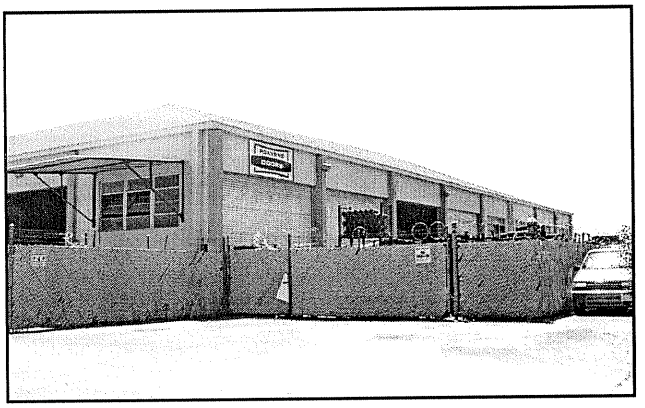
Identifier: Industrial building
Construction Date: 1986



APN: 8011-016-022
Address: 12739 Lakeland Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1992

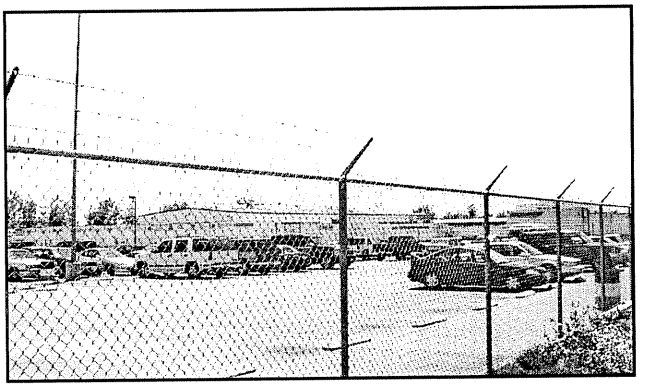


APN: 8026-001-019
Address: 12740 (a) Lakeland Ave., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1962

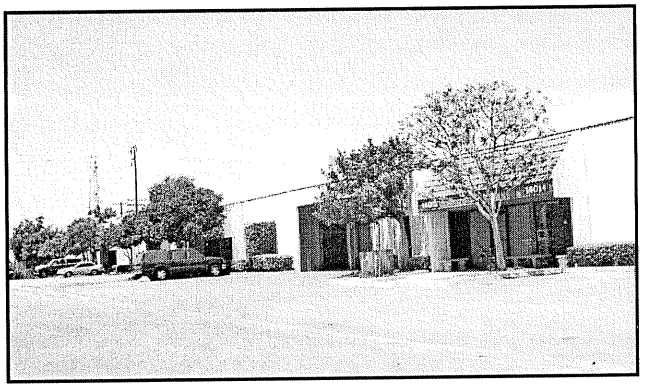


APN: 8026-001-019
Address: 12740 (b) Lakeland Ave., Santa Fe Springs
Identifier: Office building
Construction Date: 1962, alt. 1969 & 1978

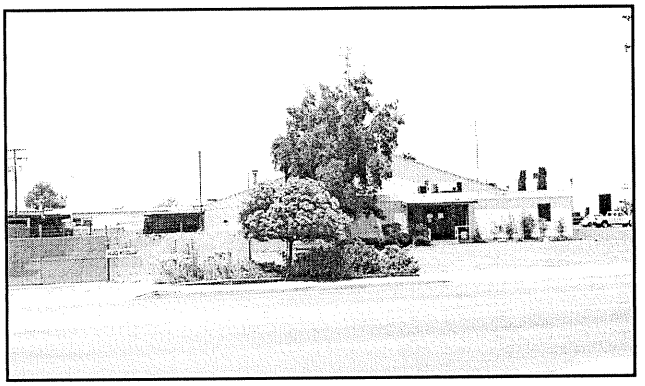
APN: 8026-001-020
Address: 12758 Lakeland Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1974



APN: 8011-016-023
Address: 12903 Lakeland Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1968, alt. 1986



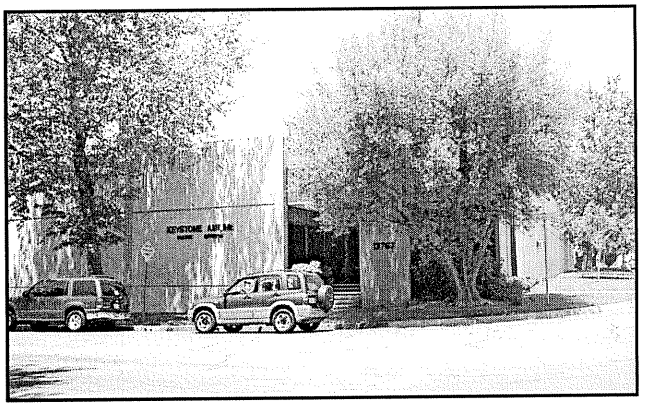
APN: 8059-028-030 to -036
Address: 14004-14014 Marquardt Ave., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1978



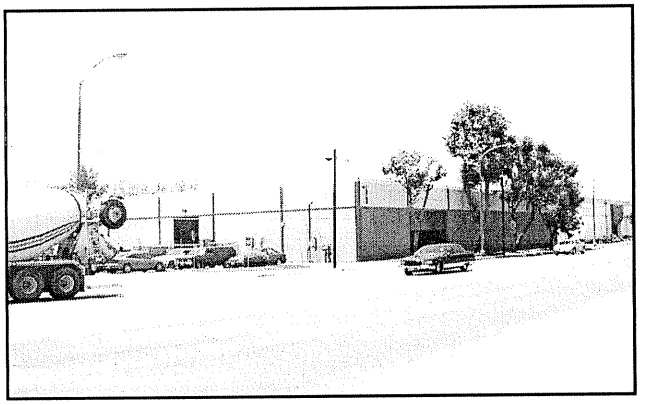
APN: 8059-029-006
Address: 14013 Marquardt Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1981

APN: 8059-028-037 to -042
Address: 14018-14028 Marquardt Ave., Santa Fe Springs
Identifier: Industrial building
Construction Date: 1978

APN: 8069-007-043
Address: 14330 Marquardt Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1976

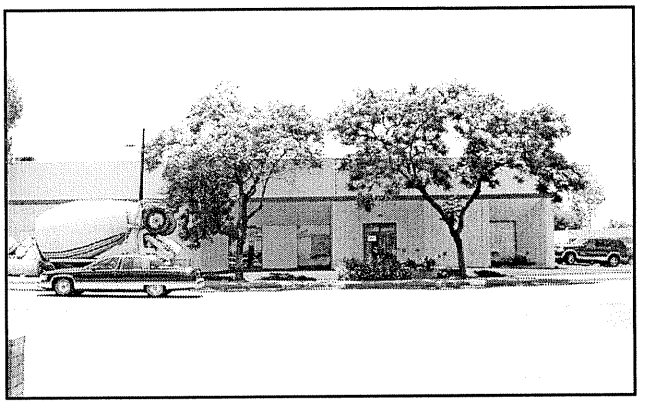


APN: 8069-003-015
Address: 13767 Milroy Place, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1971, alt. 1991

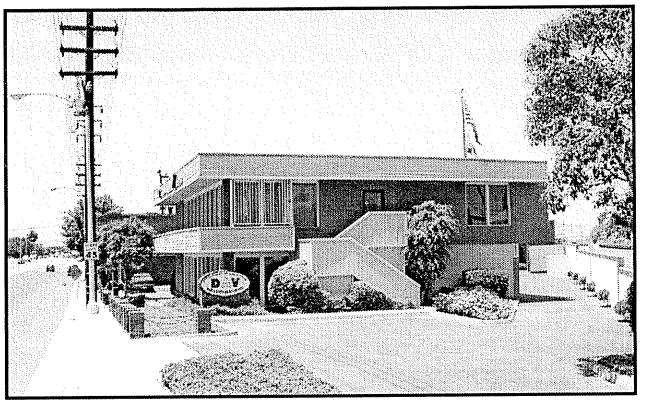


APN: 8069-003-009
Address: 13720 Rosecrans Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1972

APN: 8059-029-030
Address: 13729 Rosecrans Avenue, Santa Fe Springs
Identifier: Commercial building
Construction Date: 1972



APN: 8069-003-008
Address: 13730 Rosecrans Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1976



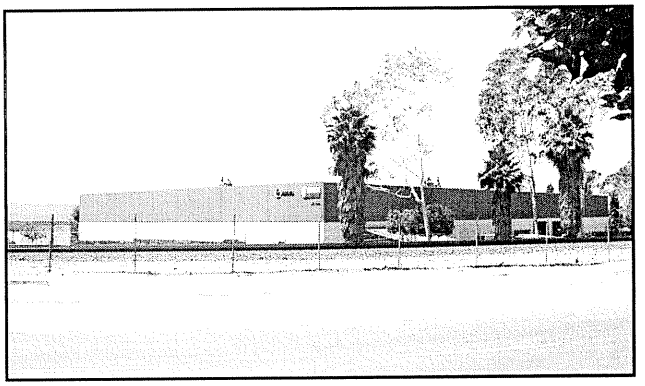
APN: 8059-029-029
Address: 13733 Rosecrans Avenue, Santa Fe Springs
Identifier: Commercial building
Construction Date: 1981, alt. 1983

APN: 8069-003-007
Address: 13750 Rosecrans Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1978

APN: 8069-005-001
Address: 13840-13848 Rosecrans Ave., Santa Fe Springs
Identifier: Commercial building
Construction Date: 1972

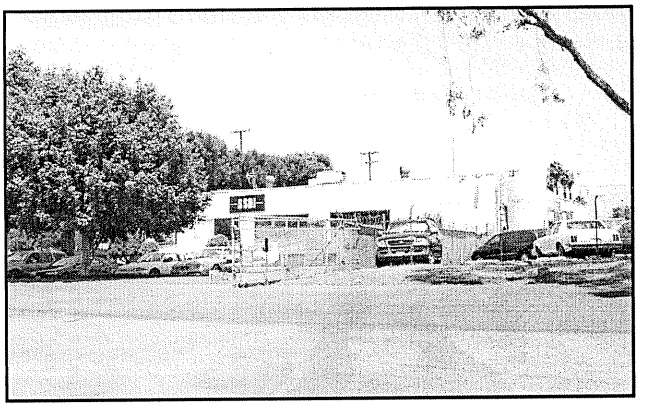
APN: 8069-028-028 and -029
Address: 13861 Rosecrans Avenue, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1975

APN: 8069-006-037
Address: 14077-14079 Stage Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1989

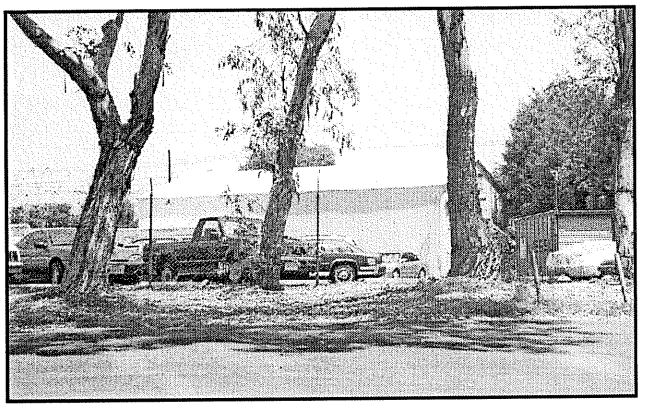


APN: 8069-008-032
Address: 14100 Borate Street, Santa Fe Springs
Identifier: Industrial building
Construction Date: Ca. 1990 (est.)

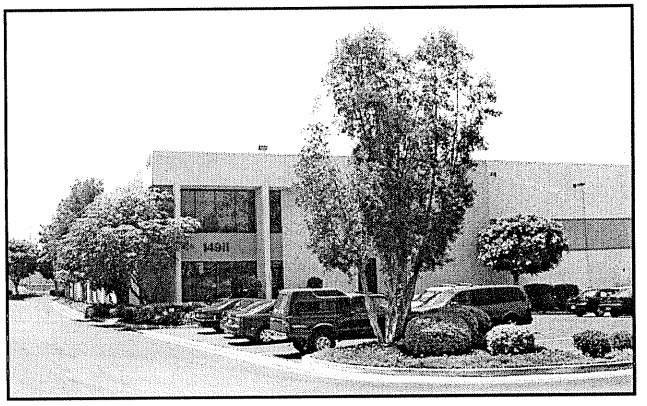
APN: 8069-006-042
Address: 14545-14565 Valley View Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: 1989



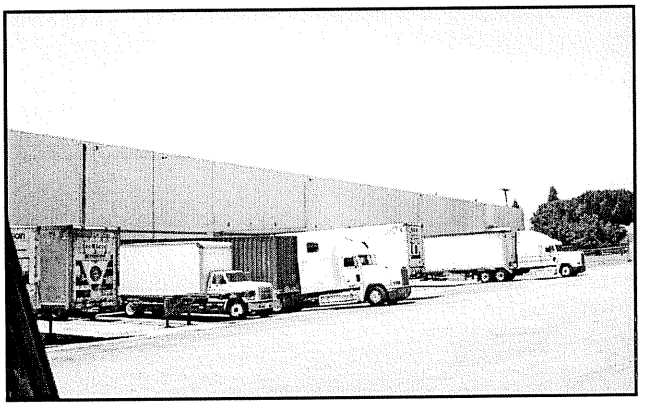
APN: 8069-009-021
Address: 14830 (a) Valley View Road, La Mirada
Identifier: Industrial building
Construction Date: Ca. 1980 (est.)



APN: 8069-009-021
Address: 14830 (b) Valley View Road, La Mirada
Identifier: Industrial building
Construction Date: Ca. 1980 (est.)



APN: 8069-008-033
Address: 14911 Valley View Road, Santa Fe Springs
Identifier: Industrial building
Construction Date: Ca. 1984



APN: 8069-009-020
Address: 14950-14952 Valley View Road, La Mirada
Identifier: Industrial building
Construction Date: Ca. 1990 (est.)

TRAFFIC IMPACT ANALYSIS

BNSF TRIPLE TRACK AND GRADE SEPARATION PROJECT
Hobart to Basta

TRAFFIC IMPACT REPORT

Prepared for

Tom Dodson & Associates

Prepared by

Meyer, Mohaddes Associates
900 Wilshire Boulevard, Suite 1200
Los Angeles, CA 90017

October 2002

J02-018

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

INTRODUCTION

As part of its program to improve intercity passenger rail service, the State Department of Transportation, Division of Rail (Caltrans) in cooperation with Metrolink and Burlington Northern Santa Fe Railway Company (BNSF), is proposing to upgrade the capacity of the existing BNSF/Amtrak/Metrolink East-West Main Line Railroad Tracks.

This BNSF main line rail corridor currently has two main tracks that are utilized for freight services to and from eastern destinations and for passenger service to and from the Los Angeles, San Bernardino and Orange County/San Diego metropolitan areas, with Fullerton as the central hub. It is Caltrans' objective to increase the efficiency of this corridor to accommodate the existing number of trains utilizing this corridor and future increases in the speed and volume of planned intercity and commuter rail passenger service.

The proposed Third Main Track and Grade Separation Project extends from the City of Commerce (Hobart) for 14.7 miles to the City of Fullerton (Basta). The primary improvements proposed are the installation of a third main track over this 14.7 mile segment of main line track and the installation of up to seven grade separation projects, which will be implemented over the next several years as funding permits.

As part of the environmental evaluation for the project, this traffic study analyzes the potential impacts of the proposed third track and grade separation project. The rail corridor extends from the City of Commerce (Hobart – MP 148.6) about 14.7 miles south to the City of Fullerton (Basta Station – MP 163.3). The affected jurisdictions include Los Angeles and Orange Counties and the Cities of Buena Park, Commerce, Fullerton, La Mirada, Montebello, Norwalk, Pico Rivera, and Santa Fe Springs. Figure 1 shows the alignment of the proposed third main track within the study area. Figure 1 also shows the locations of the seven proposed grade separation projects, which are:

1. Passons Boulevard
2. Pioneer Boulevard
3. Norwalk Boulevard
4. Los Nietos Road
5. Lakeland Road
6. Rosecrans Avenue/Marquardt Avenue
7. Valley View Avenue

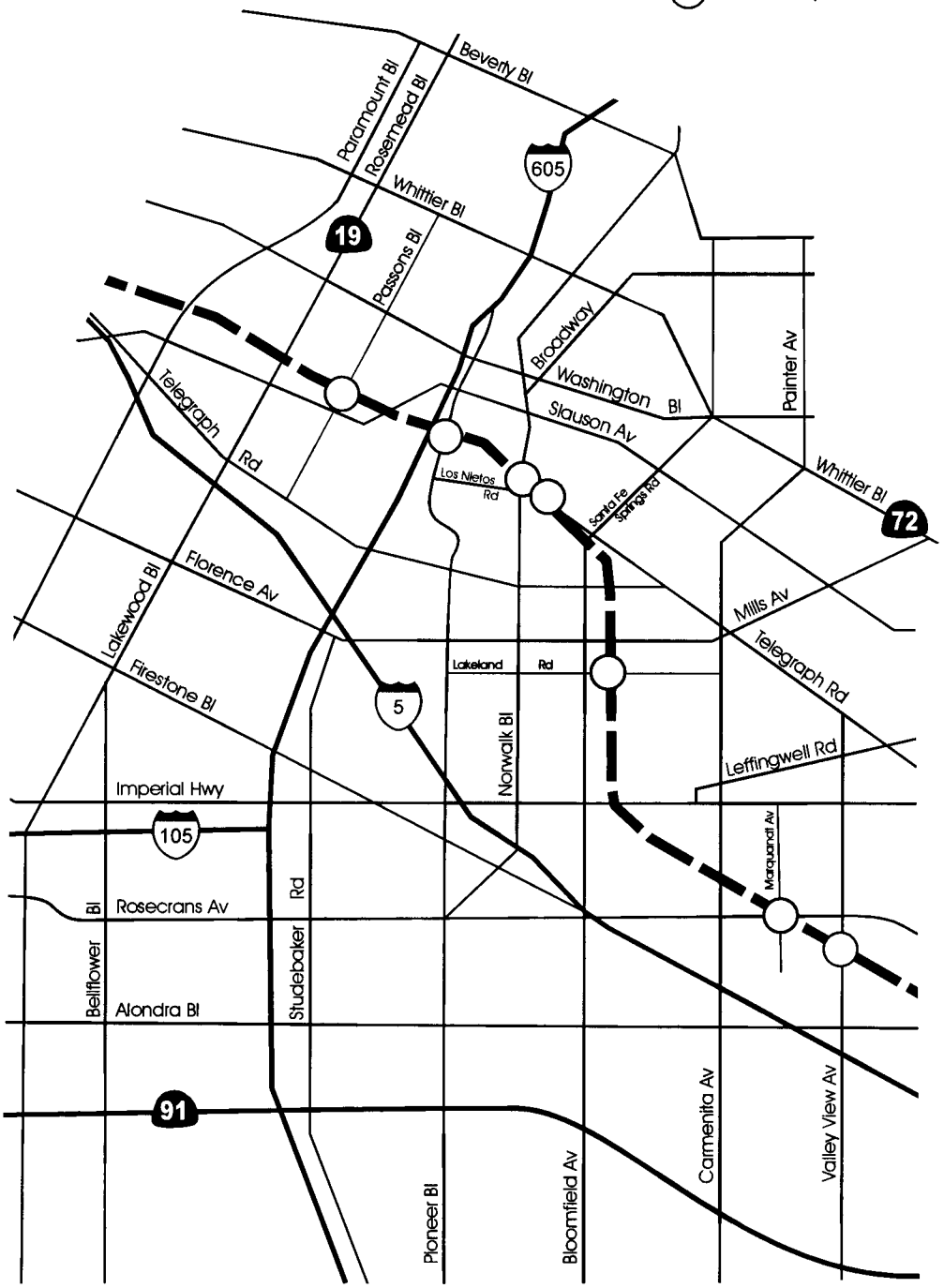
All other crossings between Hobart and Basta Stations are currently grade separated.

NOT TO SCALE

LEGEND

BNSF Main Line

Proposed Grade Separation



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BNSF Triple Track EIR
Traffic Impact Study

FIGURE 1
Study Area

G:\USERS\2002\J02-018 BNSF Triple Track\Gra\study area.cdr 7/01/02

EXISTING TRAFFIC CONDITIONS

This section describes in detail existing traffic conditions at the seven proposed grade separation locations. Discussion includes current traffic volumes, roadway geometrics and current operating conditions.

Passons Boulevard

Passons Boulevard is a two-lane facility which runs in the north-south direction. Figure 2 shows the study area and the local traffic circulation system. In the vicinity of the rail crossing, Passons Boulevard is fronted primarily with residential and neighborhood commercial uses. Based on recent traffic counts, Passons Boulevard near the BNSF rail crossing currently carries approximately 1,160 vehicles (315 northbound and 845 southbound) during the AM peak hour. During the PM peak hour, Passons Boulevard carries approximately 855 vehicles (445 northbound and 410 southbound). Figure 2 also shows the existing peak hour traffic volumes.

As part of the proposed Triple Track/Grade Separation project, the current at-grade crossing at Serapis Avenue is proposed to be permanently closed to vehicular traffic. Serapis Avenue is a two-lane local roadway which runs parallel to and west of Passons Boulevard. Within the study area, Serapis Avenue is fronted primarily by residential uses north of the rail crossing and commercial uses south of the rail crossing. Traffic counts along Serapis Avenue show that the facility carries approximately 215 AM peak hour vehicles (75 northbound and 140 southbound) and 305 PM peak hour vehicles (160 northbound and 145 southbound). Figure 2 also shows the AM and PM peak hour traffic volumes along other key roadways within the study area.

Pioneer Boulevard

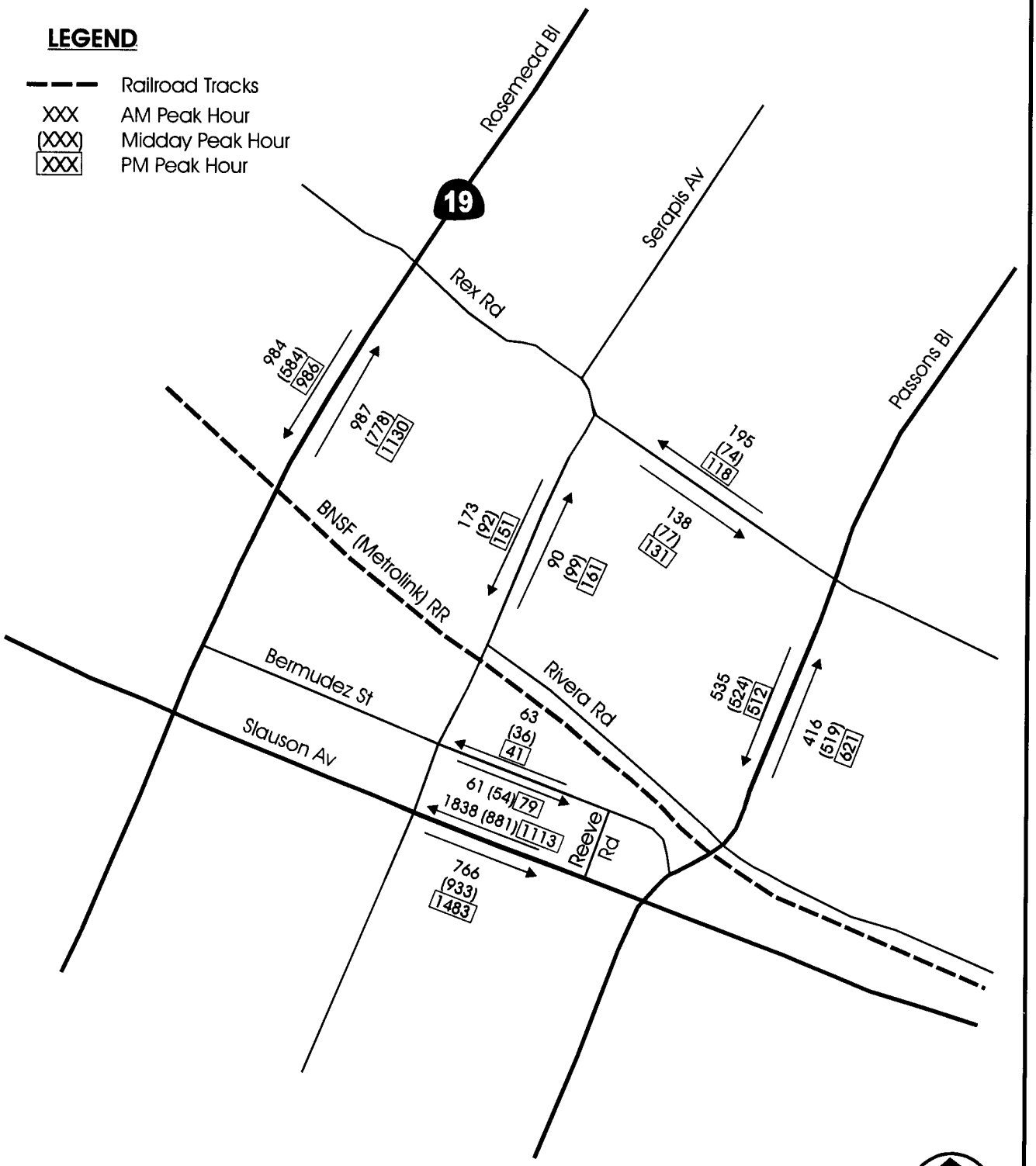
Within the study area, Pioneer Boulevard is a four-lane roadway aligned in the north-south direction. Land uses along Pioneer Boulevard near the rail crossings are primarily residential with some commercial. Figure 3 shows the local traffic circulation system within the study area and existing traffic volumes along the major roadways. As can be seen, Pioneer Boulevard carries approximately 1,532 vehicles (584 northbound and 948 southbound) during the AM peak hour, 978 vehicles (478 northbound and 500 southbound) during the midday peak hour, and 1,544 vehicles (755 northbound and 789 southbound) during the PM peak hour.

Norwalk Boulevard

Within the study area, Norwalk Boulevard is a four-lane roadway aligned in the north-south direction. Land uses along this roadway are primarily commercial. Figure 3 also shows existing traffic volumes along Norwalk Boulevard near the BNSF rail crossing. As shown, Norwalk Boulevard carries approximately 1,688 vehicles (736 northbound and 952 southbound) during the AM peak hour, 1,539 vehicles (752 northbound and 787 southbound) during the midday peak hour, and 2,262 vehicles (1,157 northbound and 1,105 southbound) during the PM peak hour.

Los Nietos Road

Los Nietos Road, within the study area, is a four-lane roadway that is aligned in the east-west direction and is fronted by commercial use. Figure 3 shows existing traffic volumes along Los



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Traffic Impact Study

FIGURE 2
Existing Peak Hour Traffic Volumes

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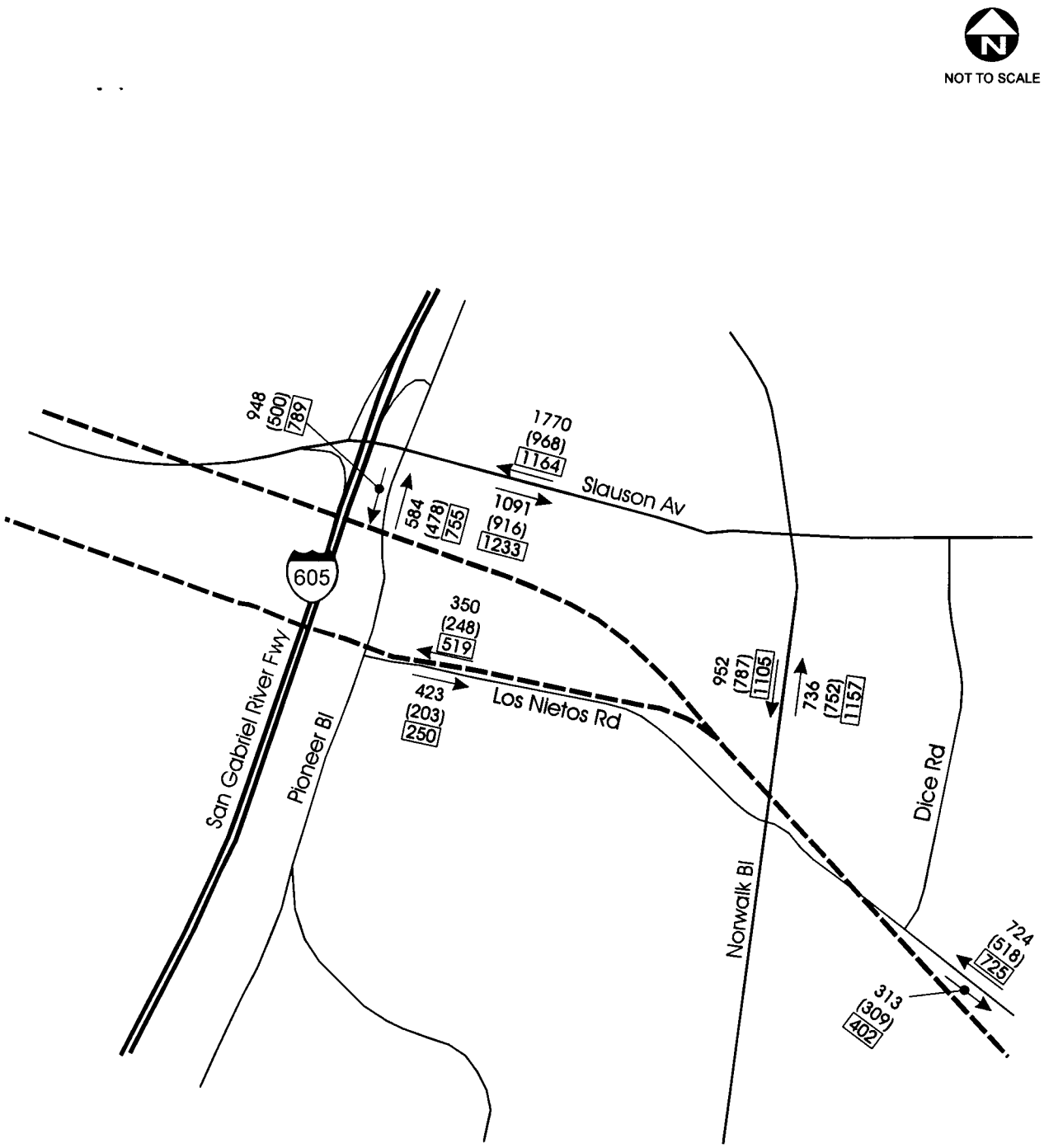

LEGEND

- Railroad Tracks
- XXX AM Peak Hour
- (XXX) Midday Peak Hour
- [XXX] PM Peak Hour

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BNSF Triple Track EIR
Traffic Impact Study

FIGURE 3
Existing Peak Hour Traffic Volumes

G:\USERS\2002\J02-018 BNSF Triple Track\Gra\XVolA.cdr 7/01/02

Nietos Road near the rail crossing. As shown, Los Nietos Road carries approximately 1,037 vehicles (313 eastbound and 724 westbound) during the AM peak hour, 827 vehicles (309 eastbound and 518 westbound) during the midday peak hour, and 1,427 vehicles (402 eastbound and 725 westbound) during the PM peak hour.

Lakeland Road

Lakeland Road near the rail crossing is a two-lane roadway which runs in the east-west direction fronted primarily by industrial use. Figure 4 shows the local traffic circulation system and the existing traffic volumes along major streets within the area. As shown in Figure 4, Lakeland Road carries approximately 719 vehicles (308 eastbound and 411 westbound) during the AM peak hour, 566 vehicles (282 eastbound and 284 westbound) during the midday peak hour, and 699 vehicles (359 eastbound and 340 westbound) during the PM peak hour.

Rosecrans Avenue/Marquandt Avenue

The BNSF railroad tracks cross through the intersection of Rosecrans Avenue and Marquandt Avenue diagonally. Within the study area, Rosecrans Avenue is a four-lane roadway aligned in the east-west direction. Marquandt Avenue is a four-lane roadway aligned in the north-south direction. Both roadways are fronted by commercial and industrial land uses. Figure 5 shows the local traffic circulation system and existing traffic volumes along major streets within the area.

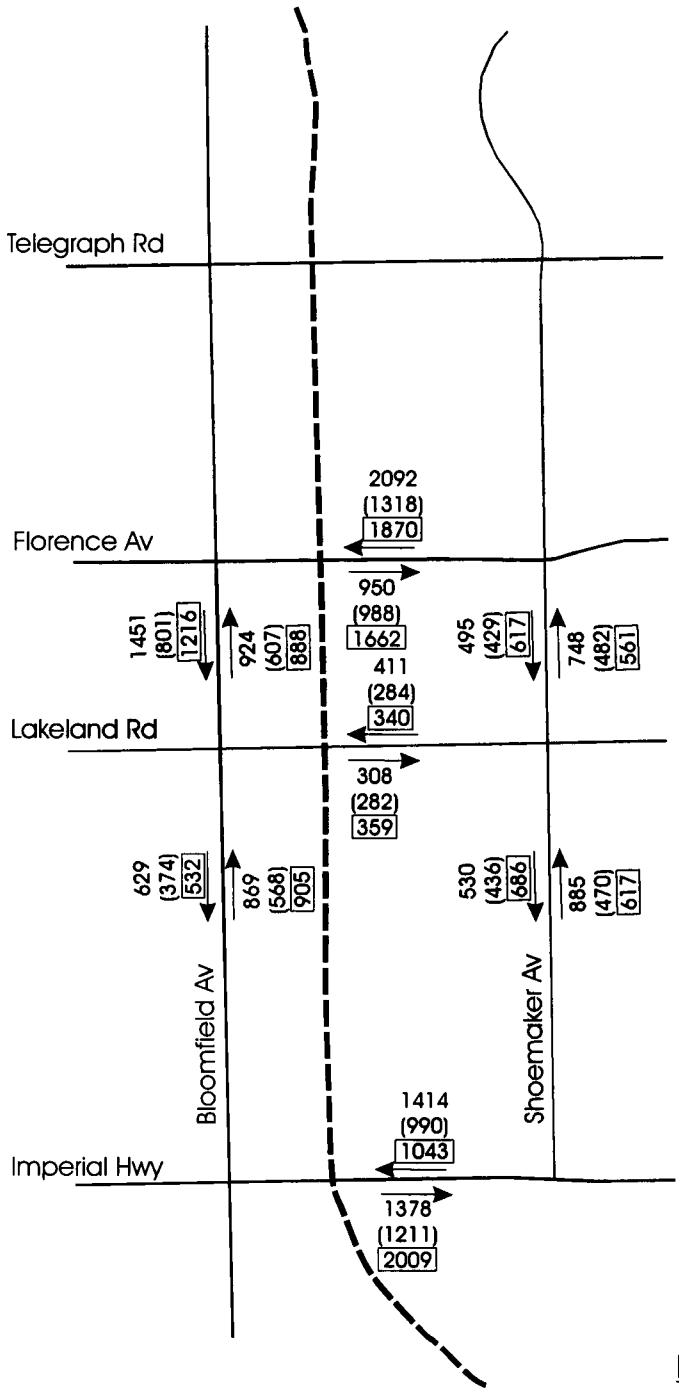
West of the BNSF railroad tracks, Rosecrans Avenue carries approximately 2,170 vehicles (992 eastbound and 1,178 westbound) during the AM peak hour, 1,790 vehicles (725 eastbound and 984 westbound) during the midday peak hour, and 2,171 vehicles (1,304 eastbound and 867 westbound) during the PM peak hour. East of the BNSF railroad tracks, Rosecrans Avenue carries approximately 1,921 vehicles (604 eastbound and 1,317 westbound) during the AM peak hour, 1,475 vehicles (740 eastbound and 735 westbound) during the midday peak hour, and 1,586 vehicles (847 eastbound and 739 westbound) during the PM peak hour.

North of the rail crossing, Marquandt Avenue carries approximately 555 vehicles (283 northbound and 272 southbound) during the AM peak hour, 535 vehicles (349 northbound and 186 southbound) during the midday peak hour, and 732 vehicles (462 northbound and 270 southbound) during the PM peak hour. South of the rail crossing, it carries approximately 344 vehicles (86 northbound and 258 southbound) during the AM peak hour, 327 vehicles (164 northbound and 160 southbound) during the midday peak hour, and 471 vehicles (274 northbound and 197 southbound) during the PM peak hour.

Valley View Avenue

Within the study area, Valley View Avenue is a four-lane roadway aligned in the north-south direction. South of the rail crossing, Valley View Avenue is fronted by commercial land use. To the north of the crossing, it is fronted by residential use. Figure 6 shows the local traffic circulation system for the portion of the study area and existing traffic volumes along the major streets within the study area. As can be seen, Valley View Avenue carries approximately 2,605 vehicles (1,050 northbound and 1,555 southbound) during the AM peak hour, 1,910 vehicles (991 northbound and 919 southbound) during the midday peak hour, and 2,632 vehicles (1,552 northbound and 1,080 southbound) during the PM peak hour.

NOT TO SCALE



LEGEND

----	Railroad Tracks
XXX	AM Peak Hour
(XXX)	Midday Peak Hour
[XXX]	PM Peak Hour

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BNSF Triple Track EIR
Traffic Impact Study

FIGURE 4
Existing Peak Hour Traffic Volumes

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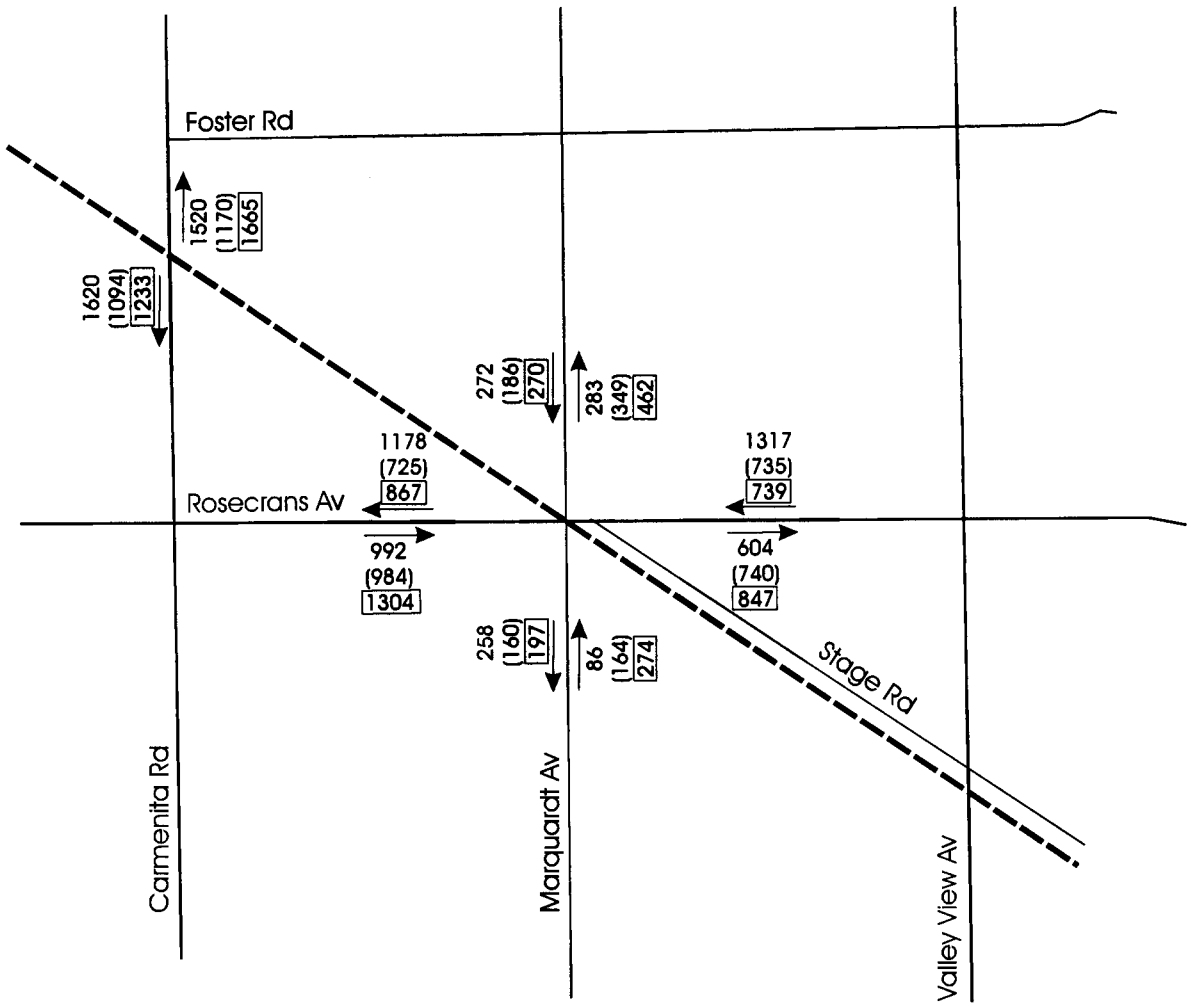
NOT TO SCALE



LEGEND

———	Railroad Tracks
XXX	AM Peak Hour
(XXX)	Midday Peak Hour
[XXX]	PM Peak Hour

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BNSF Triple Track EIR
Traffic Impact Study

FIGURE 5
Existing Peak Hour Traffic Volumes

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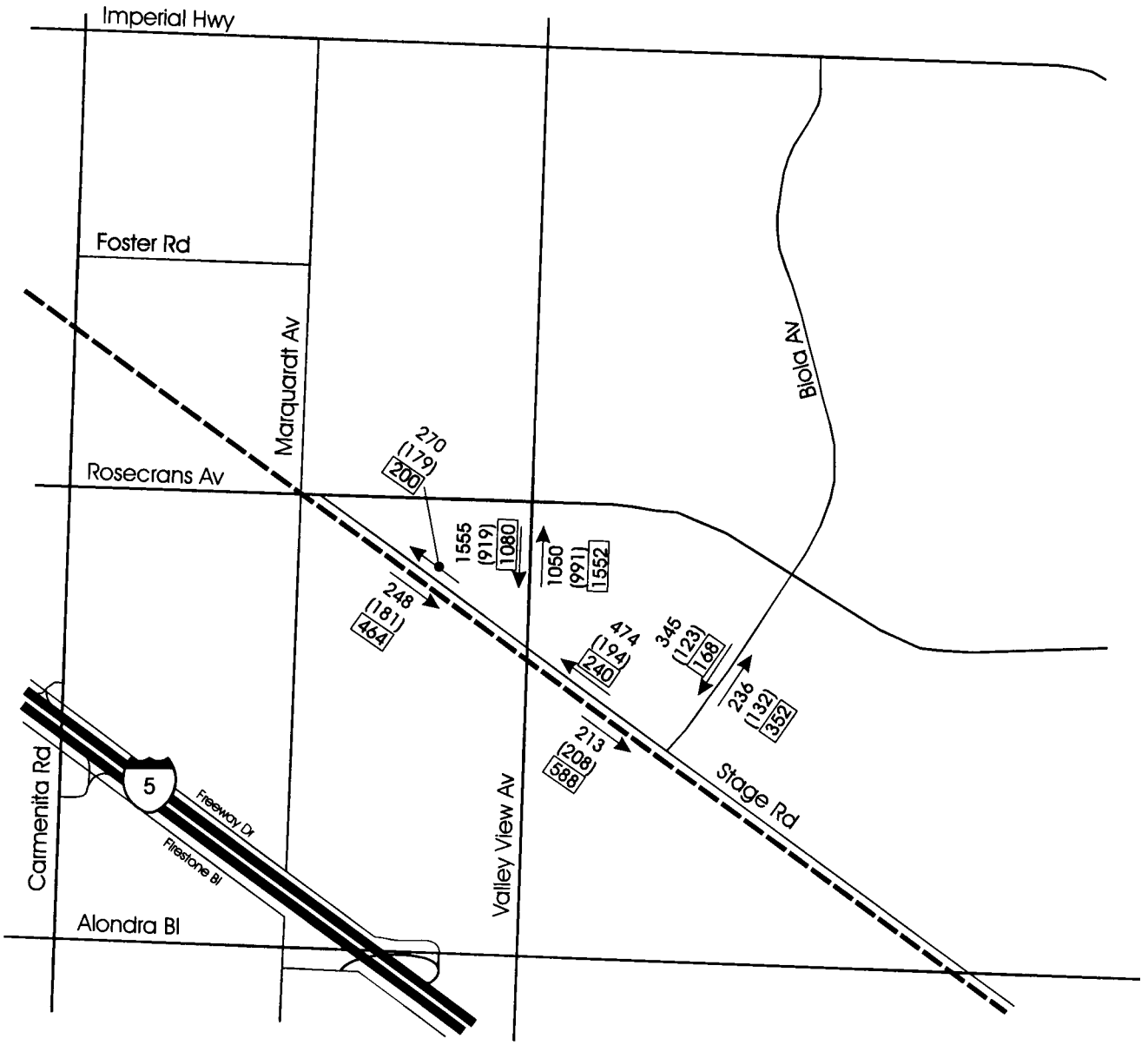
NOT TO SCALE



LEGEND

----	Railroad Tracks
XXX	AM Peak Hour
(XXX)	Midday Peak Hour
[XXX]	PM Peak Hour

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BNSF Triple Track EIR
Traffic Impact Study

FIGURE 6
Existing Peak Hour Traffic Volumes

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Roadway Capacity Analysis

The efficiency of traffic operations at a location is measured in terms of Level of Service (LOS). Level of service is a description of traffic performance. The level of service concept is a measure of average operating conditions during an hour. It is based on volume-to-capacity (V/C) ratio. Levels range from A to F with A representing excellent (free-flow) conditions and F representing extreme congestion. The methodology compares the amount of traffic that a roadway segment is able to carry (the capacity) to the level of traffic during the peak hour (volume). Roadway segments with vehicular volumes, which are at or near capacity, experience greater congestion and longer vehicle delays. Table 1 describes the level of service concept and the operating conditions expected under each level of service.

TABLE 1
LEVEL OF SERVICE DEFINITIONS

LOS	Interpretation	Volume to Capacity Ratio
A	Excellent operation. All approaches appear quite open, turning movements are easily made, and nearly all drivers find freedom of operation.	0.000 - 0.600
B	Very good operation. Many drivers begin to feel somewhat restricted within platoons of vehicles. This represents stable flow.	0.601 - 0.700
C	Good operation. Occasionally backups may develop behind turning vehicles. Most drivers feel somewhat restricted.	0.701 - 0.800
D	Fair operation. There are no long-standing traffic queues. This level is typically associated with design practice for peak periods.	0.801 - 0.900
E	Poor operation. Some long standing vehicular queues develop.	0.901 - 1.000
F	Forced flow. Represents jammed conditions. Potential for stop and go type traffic flow.	Over 1.000

Based on the existing level of traffic and the roadway geometrics, capacity and level of service analysis were performed at each of the major roadways along the corridor which are proposed to be grade separated. Table 2 summarizes the results. As can be seen, all the roadway segments are operating at acceptable levels of service (i.e. LOS A, B, C or D), not taking into consideration the delay to traffic caused by gate-down time at railroad crossings.

Existing Rail Operational Characteristics

As part of the study, MMA conducted surveys at rail crossings to assess current rail operational characteristics. Based on conversations with BNSF representatives, current freight train movements do not have set schedules and the train characteristics (i.e. lengths, number of cars, speeds) vary depending on load conditions. Contrary to freight train movements, Metrolink passenger trains operate on a set schedule.

TABLE 2
EXISTING PEAK HOUR LEVEL OF SERVICE SUMMARY

	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	NB/EB		SB/WB		NB/EB		SB/WB		NB/EB		SB/WB	
Location	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS
1. Passons Bl	0.467	A	0.601	B	0.583	A	0.589	A	0.698	B	0.575	A
2. Serapis Av	0.113	A	0.216	A	0.124	A	0.115	A	0.201	A	0.189	A
3. Pioneer Bl	0.328	A	0.533	A	0.269	A	0.281	A	0.424	A	0.443	A
4. Norwalk Bl	0.413	A	0.357	A	0.422	A	0.295	A	0.650	B	0.414	A
5. Los Nietos Rd	0.185	A	0.428	A	0.183	A	0.307	A	0.238	A	0.429	A
6. Lakeland Rd	0.362	A	0.484	A	0.332	A	0.334	A	0.422	A	0.400	A
7. Rosecrans Av	0.372	A	0.493	A	0.369	A	0.275	A	0.488	A	0.277	A
8. Marquardt Av	0.048	A	0.153	A	0.092	A	0.104	A	0.154	A	0.152	A
9. Valley View Av	0.295	A	0.874	D	0.278	A	0.516	A	0.436	A	0.607	B

MMA conducted field surveys on May 10 and May 13, 2002 at the Passons Boulevard and Serapis Avenue crossings. The two-day survey yielded data on a total of 64 crossing data. Data collected includes:

Train Frequency – number of trains observed

Gate-down Time - this is the period of time which gates are activated. The gate-down time can be categorized into three intervals:

1. *Approach Time* - time interval from initial gate down to the moment the train is at the crossing

2. *Crossing Time* – time interval between the first car and the last car of the train to completely clear the crossing

3. *Recovery Time* – time interval between the last train car and the gates to come up

Type of train – as mentioned previously, there are two types of trains, freight and passenger. Data were collected for the two types as their difference in operational characteristics would affect delays at crossings.

Length of train – the lengths in terms of cars were also collected as part of the survey. Although passenger trains do not vary in lengths as much, freight trains however do vary depending on type and number of loads.

Table 3 summarizes the survey results. As can be seen, the average frequencies for freight trains for the AM, midday and PM peak hours are 1.8, 1.5 and 2.0, respectively. Average frequencies for passenger trains for the AM, midday and PM peak hours are 5.3, 1.5 and 4.3, respectively. The average gate down times for freight trains ranges from 2'30" to 2'46" and is much longer as compared to passenger trains due to the much longer lengths and slower travel speed.

Detailed survey results are provided in Appendix A.

Delay Analysis

The calculation of delays at train crossings takes into account the gate down time, and also the time it takes for the dissipation of traffic queue which directly relates to the level of vehicular traffic volume on the respective roadway. This is the amount of time it takes for vehicular flow to return to "normal" conditions. Due to stoppage at the crossings, vehicles would queue back from the crossing gates. The length of queue depends on vehicular arrival and departure rate and the number of travel lanes on the respective roadway and gate down time. The calculation of vehicle delay is as follows:

$$\text{Delay} = [(T^2)(Q/2)(n)]/(1-Q/D)$$

Where:

T = Gate Down Time (min)
Q = Average Arrival Rate (veh/min/lane)
D = Average Departure Rate (veh/min/lane)
n = Number of Lanes

MMA conducted field surveys on May 10 and May 13, 2002 at the Passons Boulevard and Serapis Avenue crossings. The two-day survey yielded data on a total of 64 crossing data. Data collected includes:

- Train Frequency – number of trains observed
- Gate-down Time - this is the period of time which gates are activated. The gate-down time can be categorized into three intervals:
    1. *Approach Time* - time interval from initial gate down to the moment the train is at the crossing
    2. *Crossing Time* – time interval between the first car and the last car of the train to completely clear the crossing
    3. *Recovery Time* – time interval between the last train car and the gates to come up
- Type of train – as mentioned previously, there are two types of trains, freight and passenger. Data were collected for the two types as their difference in operational characteristics would affect delays at crossings.
- Length of train – the lengths in terms of cars were also collected as part of the survey. Although passenger trains do not vary in lengths as much, freight trains however do vary depending on type and number of loads.

Table 3 summarizes the survey results. As can be seen, the average frequencies for freight trains for the AM, midday and PM peak hours are 1.8, 1.5 and 2.0, respectively. Average frequencies for passenger trains for the AM, midday and PM peak hours are 5.3, 1.5 and 4.3, respectively. The average gate down times for freight trains ranges from 2'30" to 2'46" and is much longer as compared to passenger trains due to the much longer lengths and slower travel speed.

Detailed survey results are provided in Appendix A.

Delay Analysis

The calculation of delays at train crossings takes into account the gate down time, and also the time it takes for the dissipation of traffic queue which directly relates to the level of vehicular traffic volume on the respective roadway. This is the amount of time it takes for vehicular flow to return to "normal" conditions. Due to stoppage at the crossings, vehicles would queue back from the crossing gates. The length of queue depends on vehicular arrival and departure rate and the number of travel lanes on the respective roadway and gate down time. The calculation of vehicle delay is as follows:

$$\text{Delay} = [(T^2)(Q/2)(n)]/(1-Q/D)$$

Where:

T = Gate Down Time (min)
Q = Average Arrival Rate (veh/min/lane)
D = Average Departure Rate (veh/min/lane)
n = Number of Lanes

TABLE 3
SUMMARY OF TRAIN SURVEY RESULTS

	AM Peak Hour	PM Peak Hour
Average Train Frequency		
Freight	1.8	2.0
Passenger	5.3	4.3
Average Gate Down Time (min:sec)		
Freight	02:46	02:30
Passenger	00:56	00:55
Average Length of Train (# of Cars)		
Freight	70.3	71.5
Passenger	5.2	5.2

Note: Results shown based on 64 surveys conducted on May 10 and May 13, 2002.

The formula shown is widely accepted and has been used in other rail delay studies including: Port of Long Beach EIRs, Port of Los Angeles EIRs, Alameda Corridor, San Gabriel Valley (ACE) and Placentia (OnTrac) grade crossing studies. The application of the formula shown is for the purpose of estimating the total vehicle delay per occurrence. The formula has been slightly modified to include hourly frequency to estimate peak hour delays. The resulting delay is in terms of total vehicle-hours. This is a weighted delay, which takes into account hourly vehicular volumes. To correlate this result with the Highway Capacity Manual's (HCM) definition for level of service (LOS) based on average delay per vehicle during the peak hour of traffic, results are also shown in this format. Level of service definition per HCM 2000 is presented below:

Level of Service	**Avg. Delay (sec/veh)**
A	0-10
B	>10-15
C	>15-25
D	>25-35
E	>35-50
F	>50

Table 4 shows the estimated delay at each of the eight locations under existing 2002 conditions for the AM, midday and PM peak hours. The results show that based on hourly average delay, all the crossings are experiencing good levels of service (i.e. LOS A, B, or C).

It should be noted that the results shown in average vehicle delay in seconds are for the purpose of estimating level of service on an hourly basis. In reality, vehicles that are stopped during train crossings experience much longer delays. However, vehicles experience virtually no delays at other times of the peak hour.

TABLE 4
Existing Rail Delay Summary

Freight Train Parameters

	Gate Down Time	Frequency
AM	2.77 min	1.8 trains/hour
Midday	2.78 min	1.5 trains/hour
PM	2.50 min	2.0 trains/hour

Passenger Train Parameters

	Gate Down Time	Frequency
AM	0.93 min	5.3 trains/hour
Midday	1.02 min	1.5 trains/hour
PM	0.92 min	4.3 trains/hour

AM PEAK HOUR

Rail Crossing	Hourly Volume		Arrival Rate (veh/min/ln)		No. of Lanes		FREIGHT DELAY (veh-hr)		PASSENGER DELAY (veh-hr)		TOTAL DELAY (veh-hr)		AVERAGE VEHICLE-DELAY (seconds)			
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	LOS	SB/WB	LOS
1. Passons Bl	416	535	6.93	8.92	1	1	1.10	1.60	0.37	0.53	1.47	2.12	12.7	B	14.3	B
2. Serapis Av	90	173	1.50	2.88	1	1	0.18	0.38	0.06	0.12	0.24	0.50	9.8	A	10.4	B
3. Pioneer Bl	584	948	4.87	7.90	2	2	1.39	2.66	0.46	0.88	1.85	3.54	11.4	B	13.4	B
4. Norwalk Bl	736	952	6.13	5.29	2	3	1.87	2.32	0.62	0.77	2.49	3.08	12.2	B	11.7	B
5. Los Nietos Rd	313	724	2.61	6.03	2	2	0.67	1.83	0.22	0.61	0.89	2.44	10.3	B	12.1	B
6. Lakeland Rd	308	411	5.13	6.85	1	1	0.74	1.09	0.25	0.36	0.99	1.45	11.6	B	12.7	B
7. Rosecrans Av	992	1317	5.51	7.32	3	3	2.44	3.57	0.81	1.19	3.25	4.76	11.8	B	13.0	B
8. Marquardt Av	86	272	0.72	2.27	2	2	0.17	0.57	0.06	0.19	0.23	0.76	9.5	A	10.1	B
9. Valley View Av	1050	1555	4.38	12.96	4	2	2.44	6.19	0.81	2.06	3.25	8.25	11.1	B	19.1	C

MIDDAY PEAK HOUR

Rail Crossing	Hourly Volume		Arrival Rate (veh/min/ln)		No. of Lanes		FREIGHT DELAY (veh-hr)		PASSENGER DELAY (veh-hr)		TOTAL DELAY (veh-hr)		AVERAGE VEHICLE-DELAY (seconds)			
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	LOS	SB/WB	LOS
1. Passons Bl	519	524	8.65	8.73	1	1	1.28	1.30	0.17	0.17	1.45	1.47	10.1	B	10.1	B
2. Serapis Av	99	92	1.65	1.53	1	1	0.17	0.16	0.02	0.02	0.19	0.18	7.0	A	7.0	A
3. Pioneer Bl	478	500	3.98	4.17	2	2	0.92	0.97	0.12	0.13	1.04	1.10	7.8	A	7.9	A
4. Norwalk Bl	752	787	6.27	4.37	2	3	1.62	1.54	0.22	0.21	1.83	1.74	8.8	A	8.0	A
5. Los Nietos Rd	309	518	2.58	4.32	2	2	0.55	1.01	0.07	0.14	0.63	1.14	7.3	A	7.9	A
6. Lakeland Rd	282	284	4.70	4.73	1	1	0.56	0.56	0.08	0.08	0.63	0.64	8.1	A	8.1	A
7. Rosecrans Av	984	735	5.47	4.08	3	3	2.03	1.41	0.27	0.19	2.30	1.60	8.4	A	7.9	A
8. Marquardt Av	164	186	1.37	1.55	2	2	0.28	0.32	0.04	0.04	0.32	0.36	7.0	A	7.0	A
9. Valley View Av	991	919	4.13	7.66	4	2	1.91	2.13	0.26	0.29	2.17	2.42	7.9	A	9.5	A

PM PEAK HOUR

Rail Crossing	Hourly Volume		Arrival Rate (veh/min/ln)		No. of Lanes		FREIGHT DELAY (veh-hr)		PASSENGER DELAY (veh-hr)		TOTAL DELAY (veh-hr)		AVERAGE VEHICLE-DELAY (seconds)			
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	LOS	SB/WB	LOS
1. Passons Bl	621	512	10.35	8.53	1	1	1.84	1.35	0.54	0.39	2.38	1.74	13.8	B	12.3	B
2. Serapis Av	161	151	2.68	2.52	1	1	0.31	0.29	0.09	0.08	0.40	0.38	9.0	A	9.0	A
3. Pioneer Bl	755	789	6.29	6.58	2	2	1.75	1.86	0.51	0.54	2.26	2.40	10.8	B	10.9	B
4. Norwalk Bl	1157	1105	9.64	6.14	2	3	3.27	2.54	0.95	0.74	4.22	3.28	13.1	B	10.7	B
5. Los Nietos Rd	402	725	3.35	6.04	2	2	0.81	1.66	0.23	0.48	1.04	2.14	9.3	A	10.6	B
6. Lakeland Rd	359	340	5.98	5.67	1	1	0.82	0.76	0.24	0.22	1.06	0.99	10.6	B	10.4	B
7. Rosecrans Av	1304	739	7.24	4.11	3	3	3.19	1.54	0.93	0.45	4.12	1.98	11.4	B	9.7	A
8. Marquardt Av	274	270	2.28	2.25	2	2	0.52	0.52	0.15	0.15	0.68	0.67	8.9	A	8.9	A
9. Valley View Av	1552	1080	6.47	9.00	4	2	3.63	2.93	1.06	0.85	4.69	3.78	10.9	B	12.6	B

FUTURE NO PROJECT CONDITIONS

To evaluate the potential impact of the proposed project on local traffic conditions, it is first necessary to develop a forecast of future traffic volumes in the study area under conditions without the proposed project. This provides a basis against which to measure the proposed project's traffic impacts.

The anticipated completion date of the Third Track construction is year 2005. Due to approval/funding issues, there is no firm date for the completion of the proposed seven grade separations at this time. For the purpose of the EIR, a near-term year 2005 horizon year has been selected for analysis. The forecast of 2005 No-Project traffic volumes consists of existing traffic plus ambient traffic growth (general background regional growth). The following describes the growth components.

Ambient Traffic Growth

Ambient traffic is the traffic growth that will occur in the study area due to general employment growth, housing growth and growth in regional through trips in southern California. Even if there was no change in housing or employment in the study area, there will be some background (ambient) traffic growth in the region. Based on discussions with staff in the various cities, very little growth is anticipated in and around the study area. A one percent per year growth rate was assumed for all facilities as a conservative estimate of traffic increase in the study area. Existing 2002 traffic volumes were increased by a growth factor of 1.03 to account for regional traffic growth.

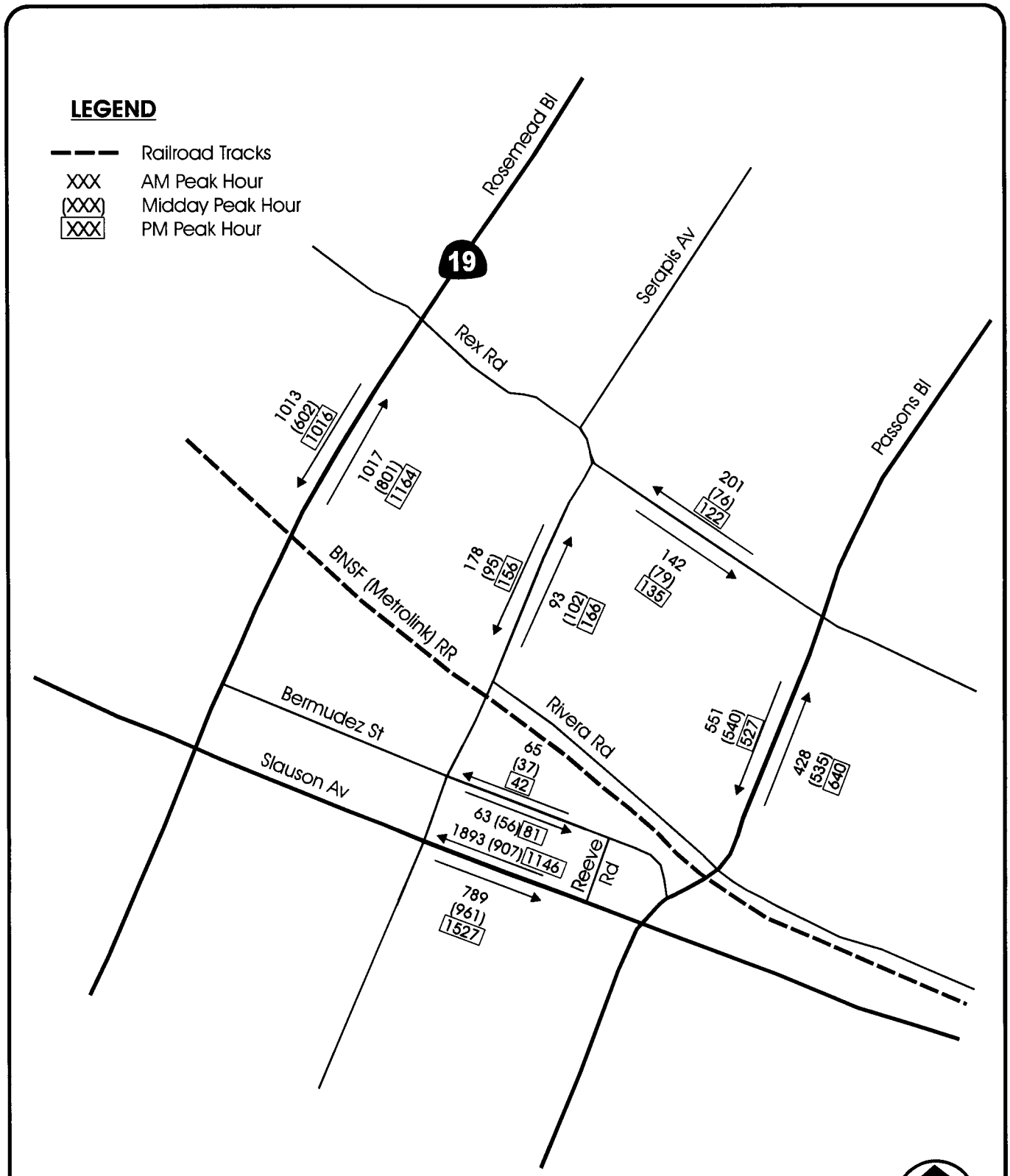
Rail Traffic Growth

In addition to vehicular traffic growth, growth in rail activities has also been considered. In 2000 the BNSF Hobart to Fullerton Line carried a total of 96 movements per day (50 BNSF through freight and 46 passenger). Based on the Los Angeles Inland Empire Trade Corridor Cost-Benefit Study conducted by the Los Angeles Economic Development Corporation with subconsultant Leachman and Associates LLC (11/6/01), the 2010 forecast of the Hobart to Fullerton Line is expected to increase to 150 trains per day (74 BNSF through freight and 76 passenger). This is an increase of 48 percent in freight movement and 65 percent in passenger train movement. This translate to an average of 5 percent growth in freight movements and 6.5 percent growth in passenger train movements. To estimate rail growth, existing peak hour train frequencies were adjusted (freight – 15 percent growth and passenger – 20 percent) to reflect the increase in rail activities.

Future No-Project Delay Analysis

Based on the forecast parameters discussed above, year 2005 vehicular volumes and associated delays are estimated. Figures 7, 8, 9, 10 and 11 illustrate the traffic forecast. Table 5 summarizes the 2005 level of service at the eight key roadway segments. Results show that all segments would operate at acceptable levels of service (i.e. LOS D or better), not taking into account delay at the railroad crossings.

The future no-project rail delay results are shown on Table 6. As can be seen, with the increase in both freight and passenger rail activities and vehicular volumes, delays at rail crossings are expected to increase.



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BNSF Triple Track EIR
Traffic Impact Study

FIGURE 7
Future No Project Peak Hour Traffic Volumes

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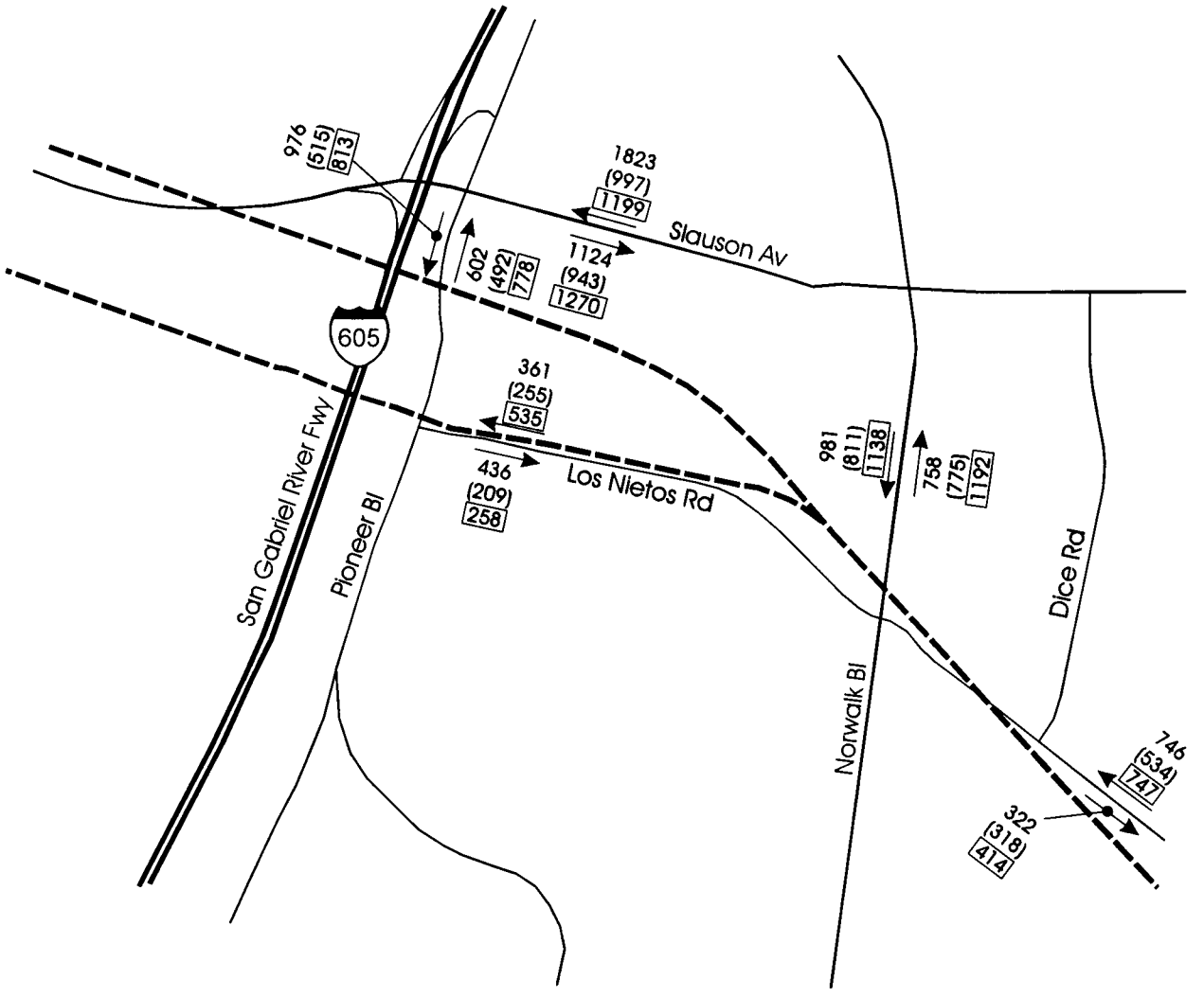

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Traffic Impact Study

FIGURE 8
Future No Project Peak Hour Traffic Volumes

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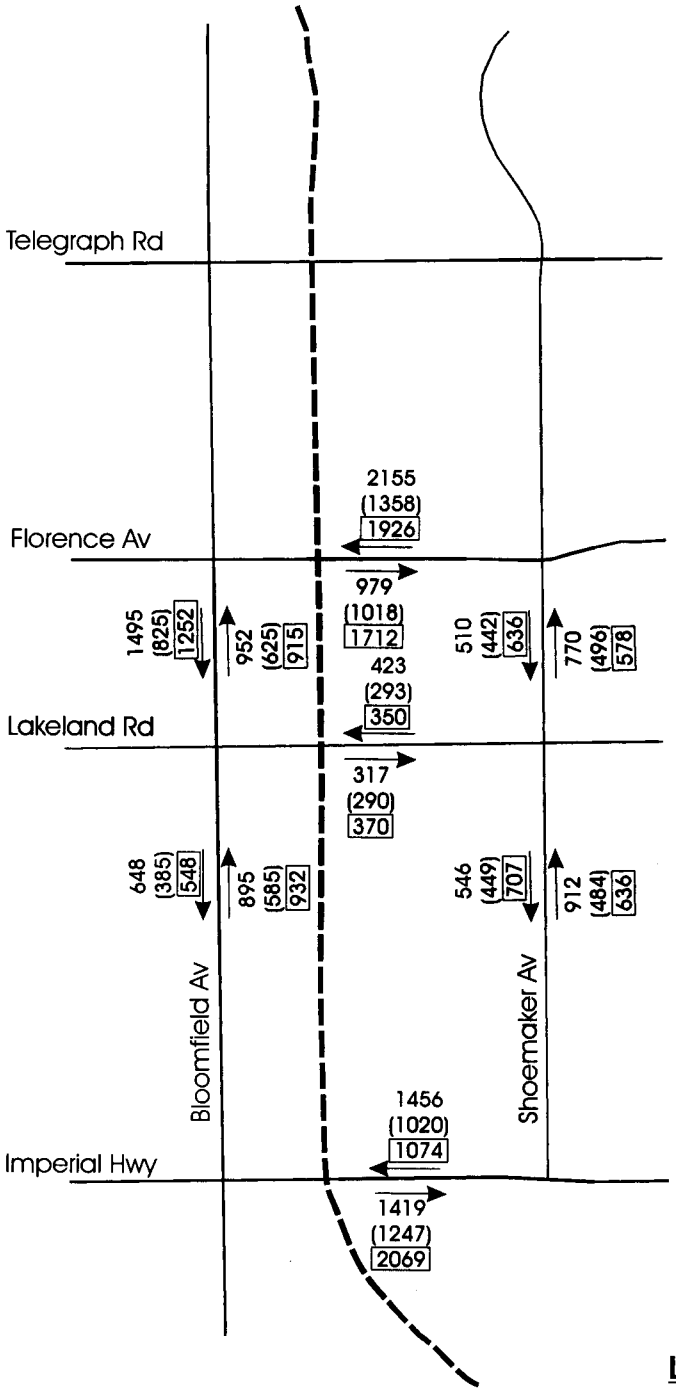
NOT TO SCALE



LEGEND

- Railroad Tracks
- XXX AM Peak Hour
- (XXX) Midday Peak Hour
- [XXX] PM Peak Hour

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Traffic Impact Study

FIGURE 9
Future No Project Peak Hour Traffic Volumes

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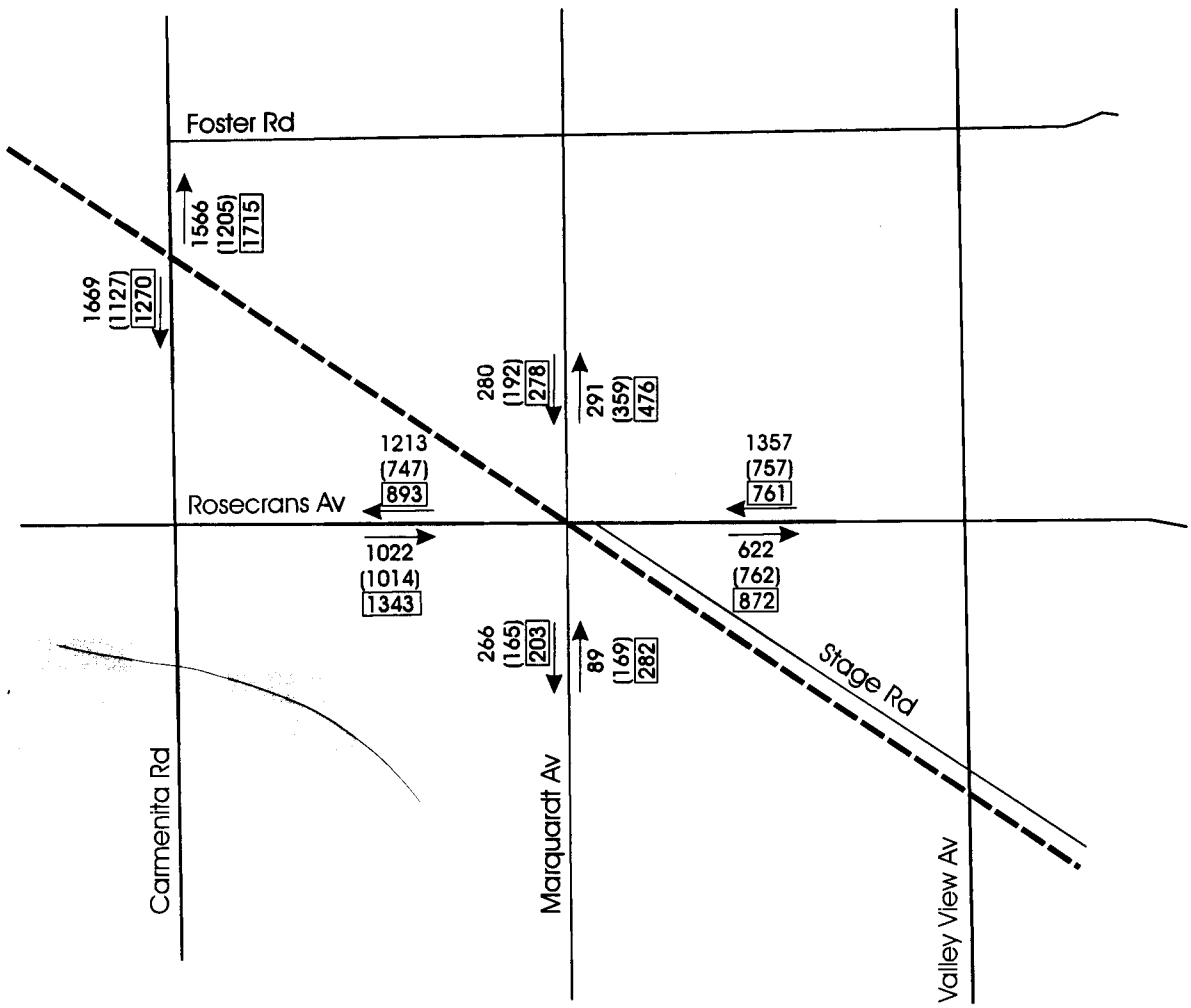
NOT TO SCALE



LEGEND

▬ ▬ ▬	Railroad Tracks
XXX	AM Peak Hour
(XXX)	Midday Peak Hour
[XXX]	PM Peak Hour

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FIGURE 10
Future No Project Peak Hour Traffic Volumes

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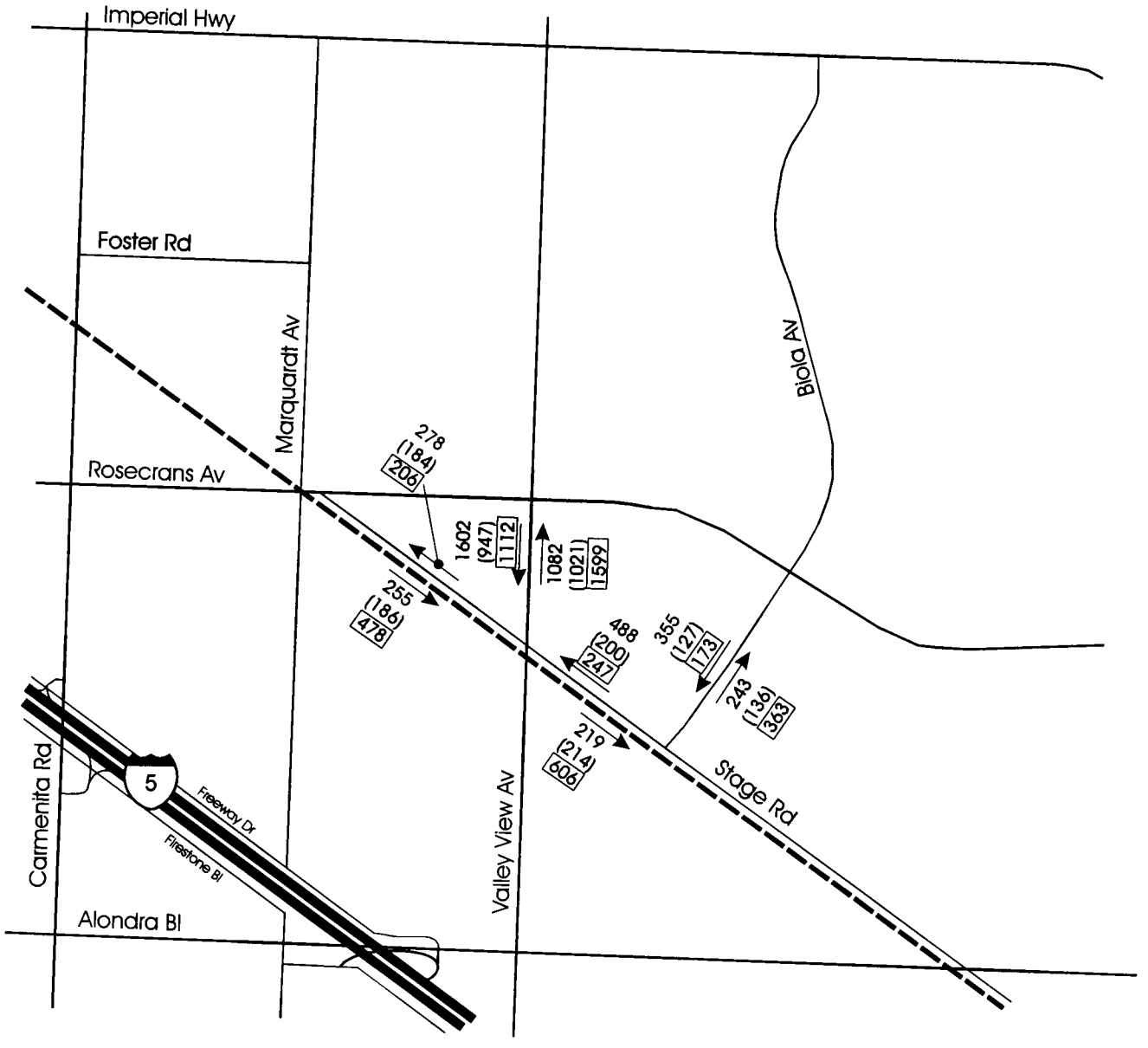

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FIGURE 11
Future No Project Peak Hour Traffic Volumes

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TABLE 5
FUTURE NO PROJECT PEAK HOUR LEVEL OF SERVICE SUMMARY

Location	AM Peak Hour				Midday Peak Hour				PM Peak Hour			
	NB/EB		SB/WB		NB/EB		SB/WB		NB/EB		SB/WB	
	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS
1. Passons Bl	0.481	A	0.619	B	0.601	B	0.607	B	0.719	C	0.592	A
2. Serapis Av	0.116	A	0.223	A	0.128	A	0.119	A	0.208	A	0.195	A
3. Pioneer Bl	0.338	A	0.548	A	0.276	A	0.289	A	0.437	A	0.457	A
4. Norwalk Bl	0.426	A	0.367	A	0.435	A	0.304	A	0.670	B	0.426	A
5. Los Nietos Rd	0.191	A	0.441	A	0.188	A	0.316	A	0.245	A	0.442	A
6. Lakeland Rd	0.373	A	0.498	A	0.341	A	0.345	A	0.435	A	0.412	A
7. Rosecrans Av	0.383	A	0.508	A	0.380	A	0.284	A	0.503	A	0.285	A
8. Marquardt Av	0.050	A	0.157	A	0.095	A	0.108	A	0.158	A	0.156	A
9. Valley View Av	0.304	A	0.900	D	0.287	A	0.532	A	0.449	A	0.625	B

TABLE 6
Future No Project Rail Delay Summary

Freight Train Parameters

	Gate Down Time	Frequency
AM	2.77 min	2.1 trains/hour
Midday	2.78 min	1.7 trains/hour
PM	2.50 min	2.3 trains/hour

Passenger Train Parameters

	Gate Down Time	Frequency
AM	0.93 min	6.4 trains/hour
Midday	1.02 min	1.8 trains/hour
PM	0.92 min	5.2 trains/hour

AM PEAK HOUR

Rail Crossing	Hourly Volume		Arrival Rate (veh/min/ln)		No. of Lanes		FREIGHT DELAY (veh-hr)		PASSENGER DELAY (veh-hr)		TOTAL DELAY (veh-hr)		AVERAGE VEHICLE-DELAY (seconds)			
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	LOS	SB/WB	LOS
1. Passons Bl	428	551	7.13	9.18	1	1	1.32	1.92	0.46	0.67	1.78	2.59	15.0	B	16.9	C
2. Serapis Av	93	178	1.55	2.97	1	1	0.22	0.45	0.08	0.15	0.29	0.60	11.4	B	12.1	B
3. Pioneer Bl	602	976	5.02	8.13	2	2	1.66	3.19	0.58	1.11	2.24	4.30	13.4	B	15.8	C
4. Norwalk Bl	758	981	6.32	5.45	2	3	2.24	2.77	0.77	0.96	3.01	3.73	14.3	B	13.7	B
5. Los Nietos Rd	322	746	2.68	6.22	2	2	0.80	2.19	0.28	0.76	1.07	2.95	12.0	B	14.2	B
6. Lakeland Rd	317	423	5.28	7.05	1	1	0.89	1.30	0.31	0.45	1.19	1.75	13.6	B	14.9	B
7. Rosecrans Av	1022	1357	5.68	7.54	3	3	2.92	4.29	1.01	1.48	3.93	5.77	13.8	B	15.3	C
8. Marquardt Av	89	280	0.74	2.33	2	2	0.20	0.68	0.07	0.24	0.27	0.92	11.0	B	11.8	B
9. Valley View Av	1082	1602	4.51	13.35	4	2	2.91	7.58	1.01	2.63	3.92	10.21	13.0	B	22.9	C

MIDDAY PEAK HOUR

Rail Crossing	Hourly Volume		Arrival Rate (veh/min/ln)		No. of Lanes		FREIGHT DELAY (veh-hr)		PASSENGER DELAY (veh-hr)		TOTAL DELAY (veh-hr)		AVERAGE VEHICLE-DELAY (seconds)			
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	LOS	SB/WB	LOS
1. Passons Bl	535	540	8.92	9.00	1	1	1.54	1.56	0.22	0.22	1.76	1.78	11.8	B	11.9	B
2. Serapis Av	102	95	1.70	1.58	1	1	0.20	0.19	0.03	0.03	0.23	0.21	8.2	A	8.1	A
3. Pioneer Bl	492	515	4.10	4.29	2	2	1.09	1.15	0.15	0.16	1.24	1.31	9.1	A	9.2	A
4. Norwalk Bl	775	811	6.46	4.51	2	3	1.93	1.83	0.27	0.26	2.21	2.09	10.3	B	9.3	A
5. Los Nietos Rd	318	534	2.65	4.45	2	2	0.66	1.20	0.09	0.17	0.75	1.37	8.5	A	9.2	A
6. Lakeland Rd	290	293	4.83	4.88	1	1	0.67	0.67	0.09	0.09	0.76	0.77	9.4	A	9.4	A
7. Rosecrans Av	1014	757	5.63	4.21	3	3	2.42	1.69	0.34	0.24	2.76	1.92	9.8	A	9.1	A
8. Marquardt Av	169	192	1.41	1.60	2	2	0.33	0.38	0.05	0.05	0.38	0.43	8.1	A	8.1	A
9. Valley View Av	1021	947	4.25	7.89	4	2	2.28	2.56	0.32	0.36	2.60	2.92	9.2	A	11.1	B

PM PEAK HOUR

Rail Crossing	Hourly Volume		Arrival Rate (veh/min/ln)		No. of Lanes		FREIGHT DELAY (veh-hr)		PASSENGER DELAY (veh-hr)		TOTAL DELAY (veh-hr)		AVERAGE VEHICLE-DELAY (seconds)			
	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	SB/WB	NB/EB	LOS	SB/WB	LOS
1. Passons Bl	640	527	10.67	8.78	1	1	2.23	1.62	0.68	0.49	2.91	2.11	16.3	C	14.4	B
2. Serapis Av	166	156	2.77	2.60	1	1	0.37	0.35	0.11	0.11	0.49	0.45	10.5	B	10.5	B
3. Pioneer Bl	778	813	6.48	6.78	2	2	2.10	2.23	0.64	0.68	2.73	2.90	12.7	B	12.9	B
4. Norwalk Bl	1192	1138	9.93	6.32	2	3	3.95	3.04	1.20	0.92	5.15	3.97	15.5	C	12.5	B
5. Los Nietos Rd	414	747	3.45	6.23	2	2	0.96	1.99	0.29	0.60	1.25	2.59	10.9	B	12.5	B
6. Lakeland Rd	370	350	6.17	5.83	1	1	0.98	0.91	0.30	0.28	1.28	1.19	12.4	B	12.2	B
7. Rosecrans Av	1343	761	7.46	4.23	3	3	3.82	1.83	1.16	0.56	4.98	2.38	13.4	B	11.3	B
8. Marquardt Av	282	278	2.35	2.32	2	2	0.62	0.61	0.19	0.19	0.81	0.80	10.3	B	10.3	B
9. Valley View Av	1599	1112	6.66	9.27	4	2	4.35	3.53	1.32	1.07	5.67	4.60	12.8	B	14.9	B

Future With Project Conditions

Under future with project conditions, the Third Track would be operational which would increase rail efficiency by reducing conflicts between freight and passenger trains. This would also lead to increases in rail operational speeds and less delays to passenger service. In addition to increased efficiency of rail traffic, vehicular traffic on the seven study locations would also be significantly improved due to the construction of the grade-separations. This improvement would virtually eliminate all vehicular delays associated with rail traffic.

Table 7 below summarizes the total cumulative delays (total vehicle-hours) at all the at-grade crossings and the benefit of the proposed project:

Table 7
Total Vehicle-Delay Summary

Scenario	AM Pk Hr	Midday Pk Hr	PM Pk Hr
Existing Conditions	41.58 hours	21.23 hours	38.21 hours
Future No-Project	50.51 hours	25.50 hours	46.27 hours
Future With Project	0	0	0

As can be seen, under current conditions, a total of 42 hours, 21 hours and 38 hours of vehicle-delay are experienced during the AM, midday and PM peak hours, respectively. Under future no-project conditions, the delays would increase to 51 hours (21% increase), 26 hours (20% increase) and 46 hours (during the AM, midday and PM peak hours, respectively. With the proposed project, delays would decrease to zero hours for all three peak hour periods.

Serapis Avenue Closure

Assuming the closure of Serapis Avenue, the majority of through traffic would be shifted to Passons Boulevard and Rosemead Boulevard. Based on the forecast of vehicular traffic discussed in the Future No-Project section, a total of 225 vehicles are expected to shift from Serapis Avenue during the AM peak Hour. A total of 315 vehicles would be expected to shift from Serapis Avenue during the PM peak hour.

Based on comments received from citizens and elected officials in the City of Pico Rivera, concerns regarding traffic impacts on Rex Road at Rosemead Boulevard and Passons Boulevard and on Slauson Avenue at Rosemead Boulevard and Passons Boulevard due to the Serapis Avenue closure. MMA have conducted intersection level of service analysis at the four key intersections to identify potential impacts. Table 8 summarizes the results under existing, future no project and future with project scenarios. As can be seen, under Existing conditions, all intersections are operating at good levels of service (i.e. LOS D or better) with the exception of Slauson Avenue at Rosemead Boulevard which is currently operating at LOS F during the PM peak hour. Under Future 2005 No-Project conditions, the intersection of Rex Road and

Table 8
Intersection Level of Service Summary

Intersecti	Existing 2002				Future 2005 No-Project				Future 2005 With Project			
	AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour		AM Peak Hour		PM Peak Hour	
	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS	V/C	LOS
Rex Rd & I	0.839	D	0.753	C	0.920	E	0.776	C	0.927	E	0.796	C
Rex Rd & I	14.1	B	8.0	B	14.8	B	15.0	B	18.2	C	20.6	C
Slauson Av	0.794	C	1.035	F	0.818	D	1.067	F	0.840	D	1.079	F
Slauson Av	0.777	C	0.835	D	0.800	D	0.860	D	0.837	D	0.891	D

Notes:
[a] Four-way stop controlled - LOS based on delay.

Rosemead Boulevard is expected to deteriorate to LOS D during the PM peak hour and the intersection of Slauson Avenue at Rosemead Boulevard would remain at LOS F during the PM peak hour.

Under Future With Project conditions (with closure of Serapis Avenue), all four study intersections would experience increase in delay but no significant traffic impact is expected.

With the closure of Serapis Avenue, conflicts between rail and vehicular traffic would be eliminated. However, pedestrians who currently utilized Serapis Avenue would be impacted. As discussed previously, approximately 23 pedestrians utilize the Serapis crossing during the AM peak period and 75 during the PM peak period. With the closure of Serapis Avenue, pedestrian would be required to walk to either Passons Boulevard or Rosemead Boulevard to safely cross the rail crossing. Both Passons Boulevard and Rosemead Boulevard would be grade-separated, thus allowing safe pedestrian crossing without conflict with rail traffic. A pedestrian overpass at Serapis Avenue would also be possible should the community and the City wishes to pursue this possibility.

CONSTRUCTION MANAGEMENT

Construction related impacts were not quantitatively assessed however any impacts which may occur due to construction activities are temporary in nature. That is, after the construction of the project is completed any impacts associated with these construction activities should be alleviated. Therefore, any improvements of a physical/permanent nature would not be recommended. However, prior to the start of construction a construction traffic management plan should be developed. The plan should address, but is not limited to, such items as:

Time of construction activities (e.g., off-peak hours)
Truck/Haul routes
Construction employee parking
Construction equipment staging
Potential lane closures
Work zone traffic control

The construction traffic management plan should minimize many of the anticipated impacts associated with the construction activities of the project.

Passons Boulevard

During construction of Passons Boulevard grade-separation, Passons Boulevard would be closed to through traffic between Slauson Avenue and Rex Road. Traffic will be detoured to Rosemead Boulevard which run parallel to and west of Passons Boulevard. Traffic would be detoured from Passons Boulevard to Rosemead Boulevard via Washington Boulevard and Slauson Avenue. Figure 12 shows the detour route. Although not intended to be a detour, Serapis Avenue would remain open to local traffic during construction of the Passons grade-separation. The closure of Serapis Avenue would occur after the completion of the Passons grade-separation.

Based on projected 2005 traffic volumes and available roadway capacity, Rosemead Boulevard should be able to accommodate the detoured traffic from Passons Boulevard.

Pioneer Boulevard

Pioneer Boulevard will be closed during construction of the bridges, retaining system and roadways. This will be done by construction of the intersection with Rivera Road and Pioneer Boulevard, thus allowing eastbound traffic on Rivera Road to divert to Pioneer Boulevard. Traffic north of Rivera Road will be diverted to Slauson Avenue and then to Norwalk and back Pioneer Boulevard up to the south side of the temporary shoring. Northbound traffic on Pioneer Boulevard will be diverted to Norwalk Boulevard and Slauson Avenue via Los Nietos Road. Figure 12 shows the detour route. To prevent potential cut-through traffic during construction period, proper detour signage will be installed. In addition, “No Through Traffic” signs are recommended at the Walnut Street and Rivera Road at Norwalk Boulevard is recommended.

Norwalk Boulevard/Los Nietos

The part of Los Nietos Road east of the intersection will be closed during construction of the bridges, retaining system and roadways through the first two construction phases. A temporary shoofly detour will be provided on Norwalk Boulevard (west of the intersection) and Los Nietos Road east of the intersection to allow Norwalk traffic to flow north and south and Los Nietos traffic east. The part of Los Nietos Road east of the intersection will be closed during construction of the bridges, retaining system and roadways through the first two construction phases. Los Nietos traffic will be routed along Dice Road north to Slauson Avenue, west to Norwalk Boulevard and south to Los Nietos for the first two phases of construction. A temporary connector road for Los Nietos Road to Norwalk will be constructed as to have a minimum impact on traffic during the third construction phase. Figure 12 also shows the detour plan and road closures.

Lakeland Road

Lakeland Road will be closed during construction of the bridges, retaining system and roadways. Traffic will be diverted to a circular route around the Lakeland underpass via the following streets: Bloomfield Avenue, Florence Avenue, Shoemaker Road, and Imperial Highway. A temporary, emergency crossing will be provided through construction to serve the Fire Station on Greenstone Avenue. Figure 13 shows the detour routes.

Rosecrans Avenue/Marquardt Avenue

Marquardt Avenue north will be closed during construction of the bridges, retaining system and roadways. A temporary road alignment for Rosecrans Avenue will be constructed so as to have a minimum impact on the traffic eastbound and westbound. The Rosecrans detour will have a temporary traffic signal at Marquardt south to maintain safe access to the area to the south. The Rosecrans detour will have an at-grade crossing with the railroad shoofly detour which will require temporary gates and flashers. These gates and flashers will be connected to the temporary traffic signal at Rosecrans and Marquardt south to prevent vehicles from queuing on the tracks. Detoured traffic on Marquardt Avenue north will be routed to Foster and west to Carmenita Road. Detoured traffic will not be allowed on Foster east of Marquardt. Figure 14 shows the detour plans.

Valley View Avenue

Traffic will be routed onto a temporary detour road on private property along the west side Valley View Avenue. The detour road will have an at–grade crossing with the existing tracks and the railroad shoofly. Flashing light signals and gates will be installed at the crossing. Stage Road will remain open with a temporary intersection with the detour road until the railroad bridge is constructed and roadway excavation begins. Stage Road will be closed for the rest of the project. Figure 15 shows the detour plans.

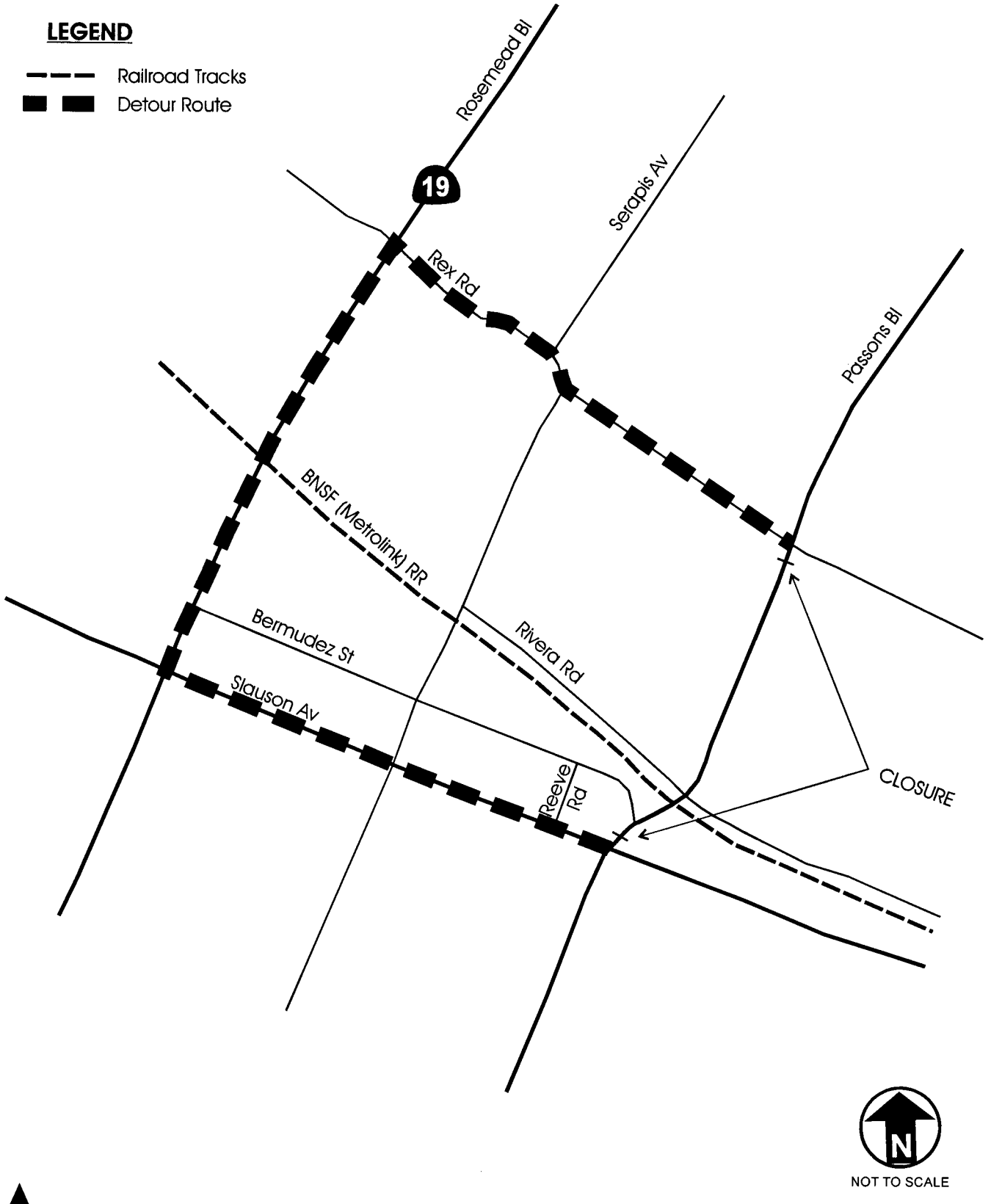

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FIGURE 12
Passons Boulevard - Construction Detour Plan

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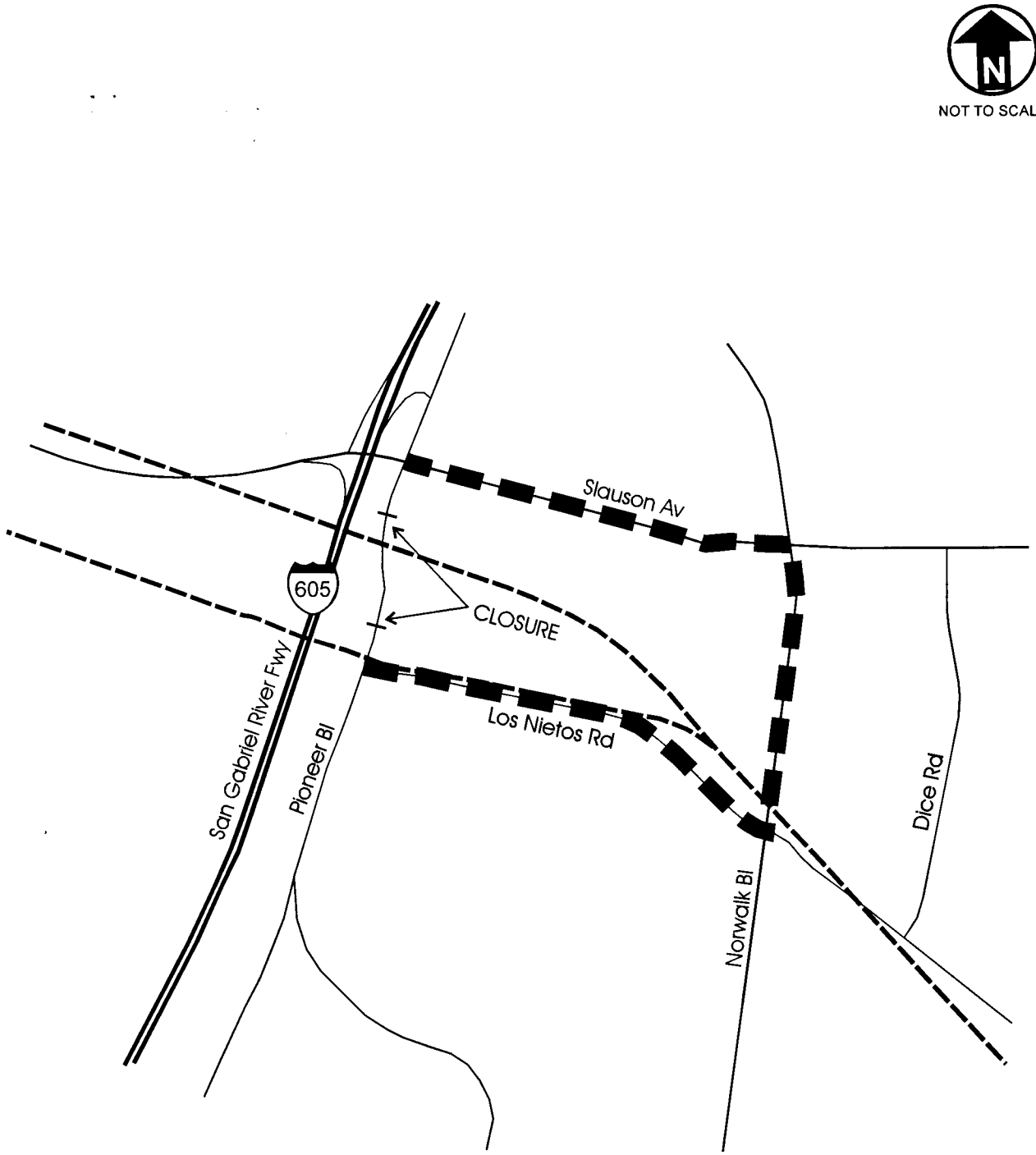

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FIGURE 13
Pioneer Boulevard - Construction Detour Plan

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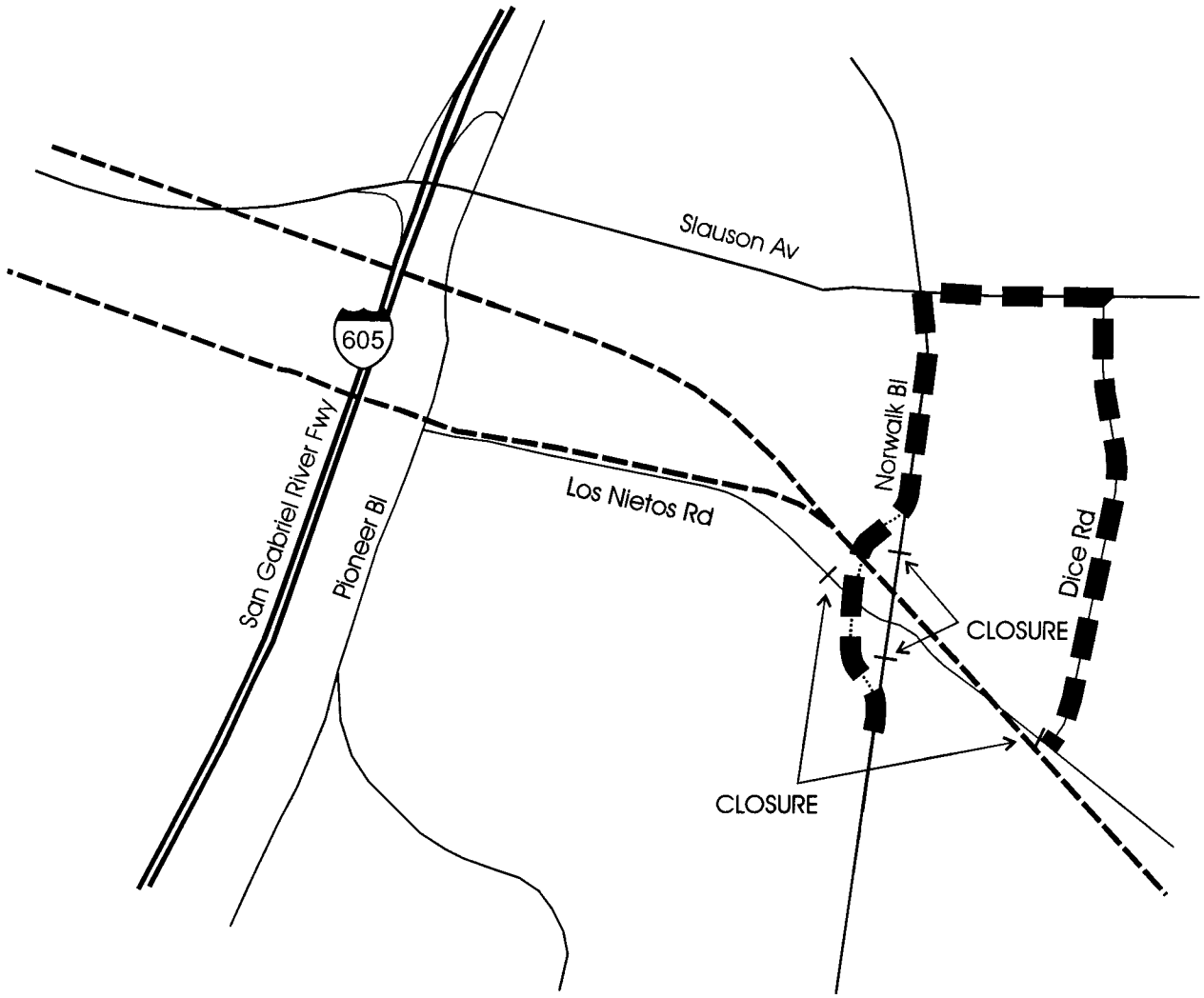

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FIGURE 14
Norwalk Boulevard / Los Nietos Road - Construction Detour Plan

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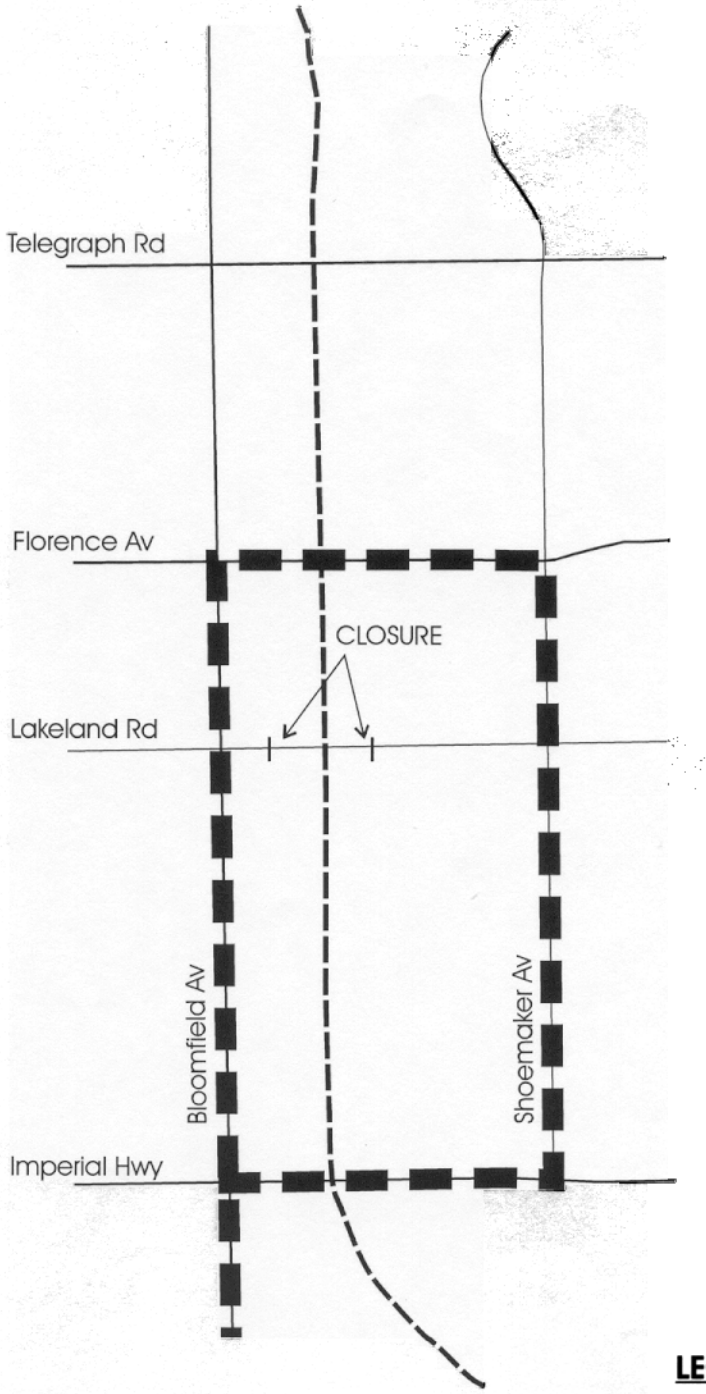

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FIGURE 15
Lakeland Road - Construction Detour Plan

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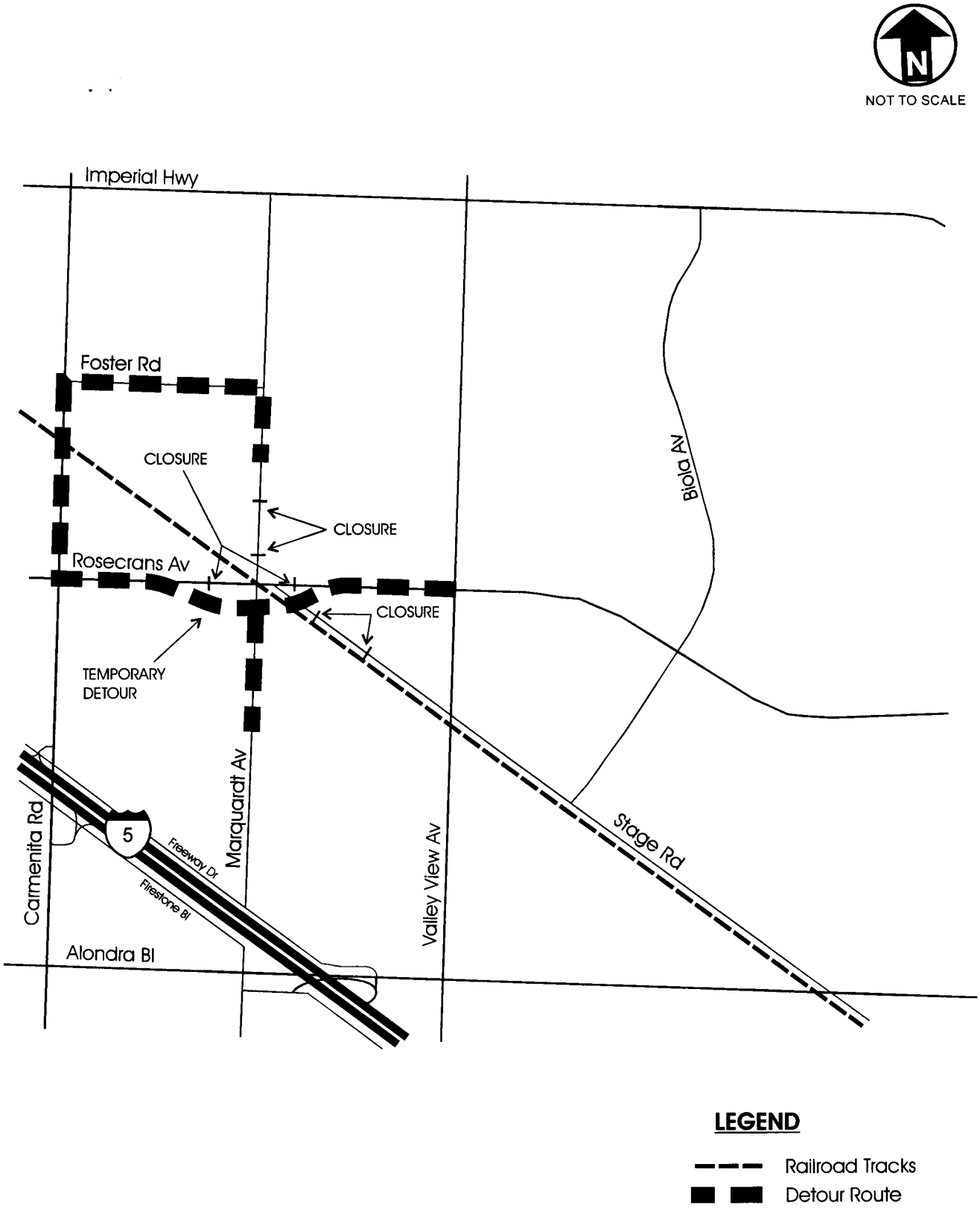

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FIGURE 16
Rosecrans Avenue / Marquardt Avenue - Construction Detour Plan

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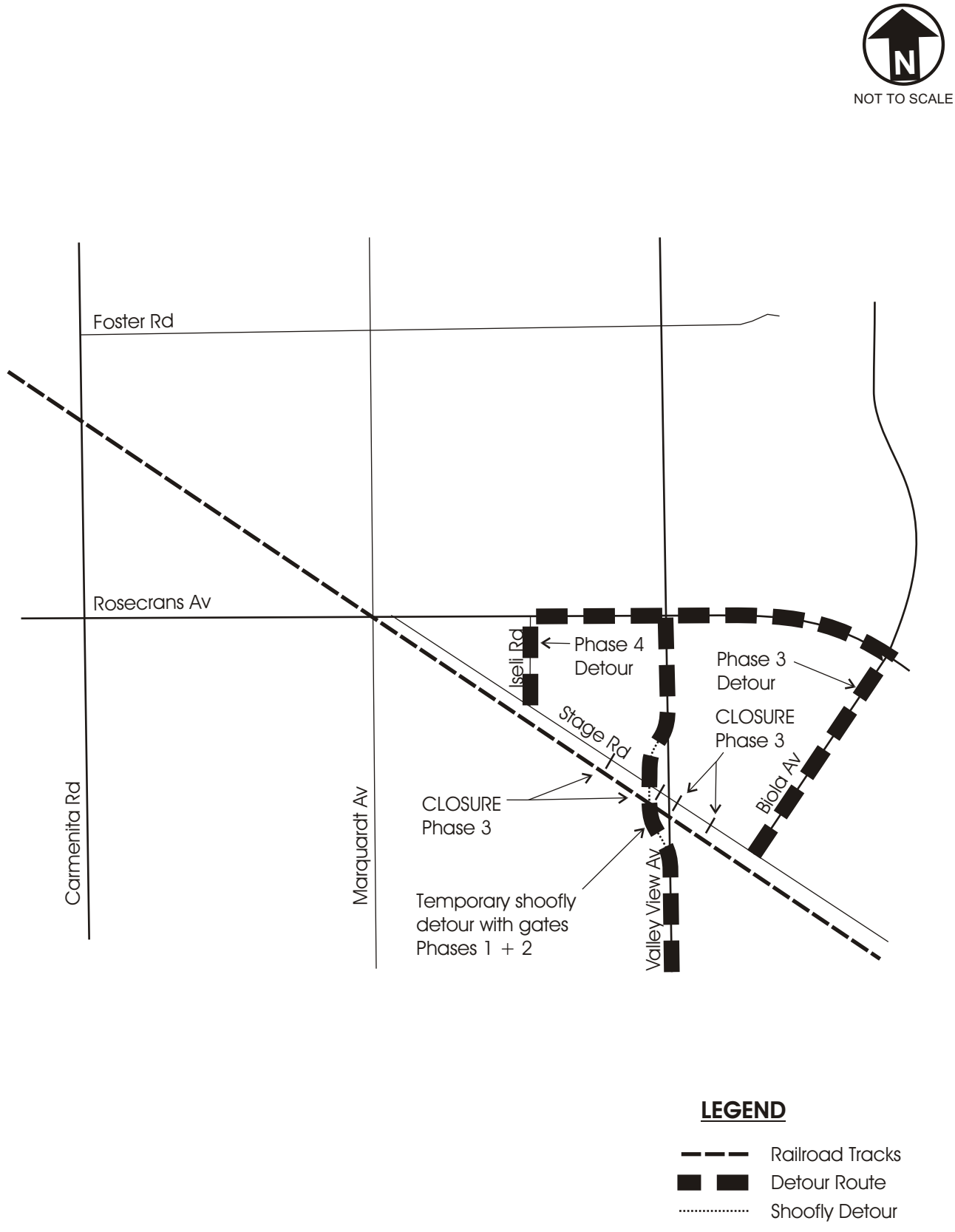

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Traffic Impact Study

FIGURE 17
Valley View Avenue - Construction Detour Plan

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NOISE BARRIER ANALYSIS

Noise Barrier Analysis
for the Railroad along Rivera Road
Pico Rivera, California

Prepared for

City of Pico Rivera
Pico Rivera, California

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May 15, 2002

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CONTENTS

TABLES

TABLES (Continued)

FIGURES

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1.0 EXECUTIVE SUMMARY

Residents living on and near Rivera Road, particularly between Pico Vista Road and Serapis Avenue in the City of Pico Rivera, have raised concerns due to the noises emanating from the railroad that runs along Rivera Road. In order to address these concerns, the City of Pico Rivera (the City) retained ENVIRON International Corporation (ENVIRON) to conduct noise monitoring and to evaluate the potential noise reduction from a proposed noise barrier.

Noise monitoring was conducted in April 2001 using a sound level meter to record the noise data for a period of 24 hours. The results show that various parameters for a noise barrier were evaluated and their values were estimated using a Fresnel equation and the monitored noise data. The City instructed ENVIRON to consider cinder blocks only as the material for the barrier. The evaluation concluded that a noise barrier of 25 feet above the street level, located at the present chain-link fence between the railroad and the residences, will reduce the Community Noise Equivalent Level (CNEL) to 65 decibels (dB) or less. However, since the CNEL of 65 dB has been challenged by several communities in California, it is recommended that a noise barrier of up to 30 feet be built to reduce the noise exposure of the nearby residences down to the level between 53.5 dB and 61.5 dB.

2.0 INTRODUCTION

Residents who live on and near Rivera Road, particularly between Pico Vista Road and Serapis Avenue in the City of Pico Rivera, have raised concerns due to the noises from the railroad located on the south side of Rivera Road. The City of Pico Rivera (the City) retained ENVIRON International Corporation (ENVIRON) to conduct noise monitoring of the railroad traffic, and to evaluate the potential noise reduction from a proposed noise barrier. The City specified that a noise barrier wall be made of cinder blocks. This report presents the noise monitoring results and the estimation of the design parameters for the noise barrier using the site-specific data, including the noise monitoring results.

Section 3.0 of this report briefly discusses the health effects associated with noise exposure.

Section 4.0 presents the regulatory guidelines followed by most California local governments when preparing their General Plans, specifically the noise element. In this report, the Community Noise Equivalent Level (CNEL) is used to evaluate the effectiveness of the proposed noise barrier.

Section 5.0 explains the methodology of noise monitoring and the various parameters of a barrier, such as distance to the noise source, height of the barrier, noise frequency, and barrier materials. An actual CNEL value was calculated using the sound pressure levels obtained from the noise monitoring conducted by ENVIRON on April 19 and 20, 2001. The predicted CNEL values were calculated for the proposed barrier using different combinations of the barrier parameters.

Section 6.0 summarizes the results and conclusions of ENVIRON's evaluation.

Section 7.0 discusses additional, but significant, considerations when installing a noise barrier.

Section 8.0 lists the references cited in this report.

3.0 HEALTH EFFECTS OF NOISE EXPOSURE

Exposure to noise can result in a number of adverse health effects on humans. For example, noise-induced hearing loss can involve damage to the cochlea of the inner ear, and noise can interfere with oral communication and causes stressful annoyance.(Ref. 1) More commonly, excessive exposure to noise produces hearing loss by injuring the hair cells of the inner ear.

Temporary threshold shift (TTS) of the hearing level can be produced by a brief exposure to high-level sound. TTS occurs at a maximum level immediately after exposure to excessive noise and diminishes with increasing rest time as the ear recovers. (Ref. 1) A noise capable of causing significant TTS from brief exposures is capable of causing a significant permanent threshold shift (PTS) with prolonged or recurrent exposure.

PTS resembles TTS except that the recovery of hearing is incomplete. Important variables in the development of TTS and PTS include the following:

- Sound level: Typically the sound levels must exceed 80 decibels (dB) for someone to experience TTS.

- Frequency distribution of sound: Sounds having most of their energy in the speech frequencies (i.e., 125 to 5000 Hz) are more likely to cause a threshold shift than sounds having most of their energy outside the speech frequencies.

- Duration of sound exposure: The longer the sound exposure, the greater the threshold shift.

- Temporal distribution of sound exposure: The longer and more numerous the quiet periods between periods of sound exposure, the lower the potential for threshold shift.

The long term cumulative effects of repeated and prolonged hazardous noise exposure can result in permanent pathological changes in the cochlea and irreversible threshold shifts in hearing acuity. This is called noise-induced hearing loss.

Engineering controls, such as the installation of a sound barrier, is the preferred and recommended remedy to solve noise problems.

4.0 COMMUNITY NOISE GUIDELINES

The California Department of Health Services (DHS), Office of Noise Control has studied the correlation of ambient noise levels to the health effects for various land uses, and has published the land use compatibility guidelines to be followed by local government agencies in preparing the Noise Element in their General Plans.[(Ref. 2)] The recommended maximum acceptable noise levels, expressed as the day-night average sound level (L_{DN}) for various land uses, are shown in Table 1. L_{DN} is a standard noise measurement that takes into account the noise levels of all events that occur during a 24-hour period and the number of times those events occur. It applies a 10 dB "penalty" to noise levels occurring between 10:00 p.m. and 7:00 a.m., thus accounting for increased community sensitivity to nighttime noise levels.

A variant of the L_{DN}, which is widely used in California, is the Community Noise Equivalent Level (CNEL), which incorporates a 5-dB penalty for evening noise events (7 p.m. to 10 p.m.), and the 10-dB nighttime penalty (from 10 p.m. to 7 a.m.) [(Ref. 3)]. It is generally agreed that community perception of evening-time noise levels is 5 dB higher, and perception of nighttime noise levels is 10 dB higher.

As shown in Table 1, a suggested maximum L_{DN} of 65 dB or lower in a high-density residential land use is considered acceptable. The use of CNEL in this report as the criterion to evaluate the proposed sound barrier is a more conservative approach because it integrates the adjusted evening noise in addition to nighttime noise of L_{DN}.

5.0 METHODOLOGY

5.1 Noise Monitoring

ENVIRON performed a site reconnaissance on April 17, 2001 to observe the surroundings near the railroad tracks along Rivera Road, and conducted a 24-hour noise monitoring event from April 19 to 20, 2001. A sound level meter (SLM) manufactured by Quest Technologies (Model 2900) was used to collect the sound pressure data. The SLM was calibrated using a Quest Calibrator, which meets the requirements of the National Institute of Standards and Technology, with the setup options of A-weighting, slow response, and 5-dB exchange rate.

The monitoring began at approximately 9 a.m. on April 19, 2001. The SLM was initially set up at 9613 Rivera Road, and was moved to 9539 Rivera Road at approximately 10 a.m. of the same day so the SLM could be secured at night. The SLM was positioned at approximately 120 feet from the railroad tracks at both properties. The SLM monitored and recorded 10-second average sound pressure levels, the maximum and peak (un-weighted) sound pressure levels within each 10-second interval, and other descriptive statistics for the entire monitoring period. The monitoring event ended the next morning on April 20, 2001, after approximately 24 hours of monitoring.

The field technician observed and recorded information on his field log between 9 a.m. and 5 p.m. on April 19, 2001, and retrieved the SLM in the morning of April 20, 2001. The noise data were downloaded to a computer using the software provided by Quest.

The monitored data and the field technician's observations revealed that the peak noise levels were typically associated with the trains' whistles or horns. Hence, the barrier analyses presented below focus on the train horns.

The noise monitoring results on April 19 and 20, 2001 in Table 4 present the calculated CNEL, 71.5 dB, of the nearby residences, which is approximately 6.5 dB higher than the proposed criterion of 65dB, as described in Section 4 of this report. The goal of the noise barrier design at this project is to reduce the noise level for at least 6.5 dB or more to meet the community noise guideline.

5.2 Noise Barrier Parameter Calculations

5.2.1 Noise Frequency Range

As shown on Figure 1, a noise barrier reduces sound originated from a point source by either absorbing it, transmitting it, reflecting it back, or forcing it to take a longer path, which is referred to as the diffracted path.(Ref. 4)

Due to the nature of sound waves, diffraction does not bend all frequencies uniformly. Higher frequencies are diffracted to a lesser degree, while lower frequencies are diffracted deeper into the "shadow" zone behind the barrier. As a result, a barrier is generally more effective in attenuating the higher frequencies as compared with the lower frequencies. (Ref. 5)

Noises generated from a train include engine noise, friction noise between the wheels and the rails, and noise from the train horn. Engine and friction of wheels generate low frequency noise (usually 125 Hz [1] to 1000 Hz), whereas the sound frequency from the train horn usually ranges from 800 Hz to 2500 Hz (Ref.6). Therefore, four different frequency levels (125, 800, 2500, and 3000 Hz) were selected and used in this evaluation to represent the range of frequency associated with railroad noise.

5.2.2 Barrier Location and Height

The distances between the railroad and the residences along Rivera Road between Pico Vista Road and Serapis Avenue range from 120 feet to 155 feet. A fence is currently located 23 to 86 feet from the rails on the residential side. Four different locations, (A) intersection of Pico Vista Road and Rivera Road; (B) intersection of Cord Street and Rivera Road; (C) intersection of Passion Street and Rivera Road; and (D) intersection of Lemoran Street and Rivera Road), were selected to estimate the noise attenuation ability of the barrier. The areas inside the fence are the railroad's right-of-way, and it is very unlikely that a noise barrier can be built inside the right-of-way. The City has requested that ENVIRON assume the barrier will be built where the currently located fence is. Therefore, the distance between the barrier and the rail is a variable (ranging from approximately 23 to 86 feet), and the distance between the barrier and the residence is also a variable (ranging from 61 feet to 87 feet).

[1] Hz: An abbreviation of Hertz, unit of frequency that is equivalent to one cycle per second.

The railroad is approximately 8 feet above the street level from the intersection of Pico Vista Road to Passion Street, and approximately 1.7 feet above street level from the intersection of Lemoran Street to Serapis Avenue. The train horn, which is the tallest noise source among all possible sources, is normally positioned about 10 feet high on a train(Ref.7). Thus, the height of the train horn was assumed to be 11.7 and 18 feet, respectively, in the analyses. The height of the barrier was also a variable in the calculations. A range of 20 to 50 feet was used in this study for the noise barrier heights to sufficiently diffract the noise, thus, reducing the noise level at the receiver location.

5.2.3 Path Length Difference (δ_0) and Fresnel Number (N_0) Calculation

Figure 2 shows the path length difference (δ_0), which was used to compute the Fresnel number (N_0). A Fresnel number (N_0) is a dimensionless value used in predicting the attenuation provided by a noise barrier positioned between a source and a receiver.(Ref. 7) It is used to estimate the sound transmission loss without taking the barrier material into consideration, and can be computed as follows:

$$N_0=2(f\delta_0/C).$$

Where:

f is the noise frequency (Hz).

δ_0 is the path length difference = a+b-c, feet, as illustrated on Figure 2.

C is the speed of sound (at 25°C, 50% relative humidity, C = 1145.1 ft/sec)

a, b, and c were calculated by simple trigonometry from variables of train horn height, receiver's height, barrier's height, and distance between barrier, railroad, and residence.

The Fresnel number calculations are illustrated in Table 2. For example, on the first row in Table 2:

Height of train horn: 18 ft
Height of residence: 6 ft
Distance between barrier and railroad: 33 ft
Distance between barrier and residence: 87 ft
Height of barrier: 20 ft

Variable a = $\sqrt{(20-18)^2 + 33^2} = 33.1$

Variable b = $\sqrt{(87^2 + (20-6)^2} = 88.0$

Variable c = $\sqrt{(18-6)^2 + (33+87)^2} = 120.5$

Path length difference (δ_0) = a+b-c = 33.1+88.0-120.5 = 0.6 ft

Fresnel number (N_0) = 2 (f * δ_0 /C)

N_0 at 125 Hz = 2 (125*0.6/1145.1) = 0.1

N_0 at 800 Hz = 2 (800*0.6/1145.1) = 0.8

N_0 at 2500 Hz = 2 (2500*0.6/1145.1) = 2.5

N_0 at 3000 Hz = 2 (3000*0.6/1145.1) = 3.0

Table 2 shows that Fresnel number decreases as the distance between barrier and residence increases. Also, the Fresnel number increases when both barrier height and frequency increase.

Table 3 summarizes the barrier attenuation values at four different frequencies (125, 800, 2500, and 3000 Hz) and at various barrier heights. These values were converted from Figure 3, Fresnel Number Versus Barrier Attenuation. (Ref. 7)

All values in Tables 2 and 3 were calculated in the same manner as discussed above.

5.2.4 Community Noise Equivalent Level (CNEL) Calculation

As stated previously, CNEL was used as the criterion to evaluate the proposed noise barrier. The actual CNEL was calculated using the maximum sound pressure levels (L_{max}) obtained by the SLM on-site. Following the definition of CNEL, the sound pressure level for each 10-second interval was calculated by adding 5 dB to the L_{max} for the evening noise (7 p.m. to 10 p.m.) and 10 dB for the nighttime noise (10 p.m. to 7 a.m.).(Ref. 2) The 24-hour actual CNEL was then calculated by summing up all the adjusted sound pressure levels. The equation for calculating the actual CNEL is as follows:

$$CNEL = q * \log [1/24 \int_0^{24} (Xn/N) * 10^{Lmax\,(t)/16.61}\, dt]$$

Where:

q = exchange rate / log2 = 5/log2 = 16.61

Xn = weight of total sampling time in 24 hours, in this case, 1 sample/ 10 second, thus, 8615 samples out of possible 8640 samples at a 24-hour period, equal to 8615/8640 * 24 = 23.93
N = total samples = 8615

The CNEL calculations are illustrated in Tables 4 through 7. As shown in Table 4, CNEL = 16.61 * log [1/24 $\int_0^{24}$ (23.93/8615) *$10^{Lmax\ (t)/16.61}$ dt] = 71.5 dB [2]

5.2.5 Predicted CNEL

The predicted CNEL values were calculated by subtracting the estimated barrier attenuation values presented in Table 3 from the actual CNEL of 71.5 dB at different barrier heights and noise frequencies. The predicted CNEL values are summarized in Table 8.

For example, using the noise barrier height of 20 feet at the intersection of Pico Vista and Rivera roads with a frequency at 125 Hz, the estimated noise attenuation value from the corresponding column in Table 3 is 5.0 dB. Thus, the predicted CNEL on Table 8 = 71.5 - 5.0 = 66.5 dB.

All values in Table 8 were calculated in the same manner as discussed above.

5.2.6 Barrier Materials

In the evaluations presented thus far, the materials of the noise barrier had not been considered when calculating the sound attenuation, only the transmission loss was considered. Transmission loss is an indication of the barrier's inherent ability to block sound due to its height. The method used to calculate the transmission loss was analyzing the Fresnel number, which is dependent on frequency and distances.(Ref. 7)

Sound attenuation measurements were made for differing types of common building materials. Generally, most materials transmit low-frequency sound more efficiently than high-frequency sound, therefore, the sound attenuation is better for higher frequency sound. Materials that are effective in attenuating sound energy are dense, such as concrete, one of

[?] This value is higher than the CNEL calculated by the Quest SLM, which was 67.3 dB and was previously reported to the City. ENVIRON contacted Quest Technologies and was informed that the SLM uses the instantaneous sound pressure levels to calculate the CNEL and may introduce an error when the data are not collected for exactly 24 hours.

the most common and versatile construction materials.(Ref. 6) The City has proposed the use of a cinder block wall as the noise barrier, which is similar to concrete blocks.

As a rule of thumb, any material weighing 20 kg/m^2 (4 lb/ft^2) [3] or more has a transmission loss of at least 20 dB. (Ref. 4) Such material would provide a noise attenuation of at least 10 dB due to diffraction in a real-world environment. Note that a weight of 20 kg/m^2 (4 lb/ft^2) can be attained by using lighter and thicker or heavier and thinner materials. The 10-dB noise attenuation would be additive to the transmission loss calculated using the Fresnel number.

[3] kg/m^2 and lb/ft^2: kilogram per square meter and pound per square foot. Unit of weight density that is the weight of the object divided by the volume of space that the object occupies.

6.0 RESULTS AND CONCLUSIONS

As indicated in Table 3, building a noise barrier along Rivera Road without considering the type of material is expected to reduce the noise from 5.0 dB to 20 dB, depending on the noise frequencies, barrier heights, and locations. Also shown in Table 3, the taller the barrier the better the noise attenuation. However, the noise attenuation does not change significantly once the barrier reaches 40 feet in both low and high frequencies.

In Table 4, the actual CNEL was calculated to be 71.5 dB without the barrier. The predicted CNEL values, as shown in Table 8, ranged from 51.5 to 66.5 dB depending on the noise frequencies, barrier heights, and locations. A cinder-block wall with at least 20 kg/m^2 (4 lb/ft^2) density would provide another 10-dB "safety margin" to the theoretical Fresnel design. If using the CNEL of 65 dB as the criterion, a barrier height of 25 feet from the street level would be sufficient. However, since the CNEL of 65 dB has been constantly challenged by several communities/cities in California, using a 30-foot barrier wall to attenuate noise level down to 54 - 62 dB may be more adequate.

In conclusion, a cinder block barrier wall, preferably with a density of at least 20 kg/m^2 (4 lb/ft^2), between 25 and 30 feet above the street level, positioned at the present chain-link fence ` between the railroad and the residences, is recommended.

7.0 ADDITIONAL CONSIDERATIONS FOR A NOISE BARRIER

7.1 Barrier Length

A noise barrier should be long enough so that very little sound diffracts around the edges. If a barrier is not long enough, up to 5 dB less than the barrier design may be observed by the receivers near the barrier ends. For instance, if the barrier must be segregated to allow for the intersection of the surface streets, the sound attenuation will be compromised near the intersection. A rule-of-thumb is that a barrier should be long enough such that the distance between a receiver and a barrier end is at least four times the perpendicular distance from the receiver to the barrier (see Figure 4). (Ref. 8)

Occasionally, due to the community and roadway geometry, there is not enough space to ensure the proper length for a barrier. In those cases, the barrier can be constructed with the ends curved toward the community (Figure 5).

7.2 Safety Consideration

Safety is a factor that must be given appropriate consideration in the design of any noise barrier system.

- Barrier stability: A geological survey should be conducted prior to construction of the barrier to investigate the soil conditions near the railroad. A barrier can be reinforced by attaching its components to a more stable object, as shown on Figure 6. The barrier should be located where it is less vulnerable to vehicular impact.

- Emergency access: Noise barriers interrupt the path between the railroad and adjacent local roadways. During emergencies (accidents, spills, fires, etc.) access from these local roadways is often necessary and/or desirable. Barrier access points for emergency or maintenance situations are typically shaped as shown on Figures 7 and 8. Noise barriers may also interrupt the path between the railroad and a source of water required to be accessed in the event of a fire or spill on the railroad. Since fire hoses cannot be practically draped over a noise barrier, special design considerations are required. Emergency access openings or valves can be incorporated directly into the design of the noise wall panels. Figures 9 and 10 show the hose couplers directly incorporated into the

noise barrier panels, which allows the connection of fire hoses on both sides of the noise barrier, and effectively eliminates any kinks in the hose. A critical consideration with this type of design is to have the correct size of connection (diameter, thread size, etc.) for all fire companies that may need to access the connection. Also, strength of the wall and the adjacent posts must be analyzed to assure that they are capable of withstanding the thrust loads generated by the force of the moving water in the hose lines.

8.0 REFERENCES

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TABLES

Nietos Road near the rail crossing. As shown, Los Nietos Road carries approximately 1,037 vehicles (313 eastbound and 724 westbound) during the AM peak hour, 827 vehicles (309 eastbound and 518 westbound) during the midday peak hour, and 1,427 vehicles (402 eastbound and 725 westbound) during the PM peak hour.

Lakeland Road

Lakeland Road near the rail crossing is a two-lane roadway which runs in the east-west direction fronted primarily by industrial use. Figure 4 shows the local traffic circulation system and the existing traffic volumes along major streets within the area. As shown in Figure 4, Lakeland Road carries approximately 719 vehicles (308 eastbound and 411 westbound) during the AM peak hour, 566 vehicles (282 eastbound and 284 westbound) during the midday peak hour, and 699 vehicles (359 eastbound and 340 westbound) during the PM peak hour.

Rosecrans Avenue/Marquandt Avenue

The BNSF railroad tracks cross through the intersection of Rosecrans Avenue and Marquandt Avenue diagonally. Within the study area, Rosecrans Avenue is a four-lane roadway aligned in the east-west direction. Marquandt Avenue is a four-lane roadway aligned in the north-south direction. Both roadways are fronted by commercial and industrial land uses. Figure 5 shows the local traffic circulation system and existing traffic volumes along major streets within the area.

West of the BNSF railroad tracks, Rosecrans Avenue carries approximately 2,170 vehicles (992 eastbound and 1,178 westbound) during the AM peak hour, 1,790 vehicles (725 eastbound and 984 westbound) during the midday peak hour, and 2,171 vehicles (1,304 eastbound and 867 westbound) during the PM peak hour. East of the BNSF railroad tracks, Rosecrans Avenue carries approximately 1,921 vehicles (604 eastbound and 1,317 westbound) during the AM peak hour, 1,475 vehicles (740 eastbound and 735 westbound) during the midday peak hour, and 1,586 vehicles (847 eastbound and 739 westbound) during the PM peak hour.

North of the rail crossing, Marquandt Avenue carries approximately 555 vehicles (283 northbound and 272 southbound) during the AM peak hour, 535 vehicles (349 northbound and 186 southbound) during the midday peak hour, and 732 vehicles (462 northbound and 270 southbound) during the PM peak hour. South of the rail crossing, it carries approximately 344 vehicles (86 northbound and 258 southbound) during the AM peak hour, 327 vehicles (164 northbound and 160 southbound) during the midday peak hour, and 471 vehicles (274 northbound and 197 southbound) during the PM peak hour.

Valley View Avenue

Within the study area, Valley View Avenue is a four-lane roadway aligned in the north-south direction. South of the rail crossing, Valley View Avenue is fronted by commercial land use. To the north of the crossing, it is fronted by residential use. Figure 6 shows the local traffic circulation system for the portion of the study area and existing traffic volumes along the major streets within the study area. As can be seen, Valley View Avenue carries approximately 2,605 vehicles (1,050 northbound and 1,555 southbound) during the AM peak hour, 1,910 vehicles (991 northbound and 919 southbound) during the midday peak hour, and 2,632 vehicles (1,552 northbound and 1,080 southbound) during the PM peak hour.

Table 1: Maximum Allowable Ambient Noise Exposure for Various Land Uses

Land Use	Suggested Maximum L_{DN} (1)
Residential – Low Density	60
Residential – High Density	65
Transient Lodging	65
Schools, Libraries, Churches,	70
Hospitals	-
Auditoriums	70
Playgrounds, Parks	70
Commercial	70
Industrial	75

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(1) L_{DN} = Day-night average sound level, is the 24-hour average sound level, in decibels (dB), with the addition of 10 dB to sound levels in the night from 10 p.m. to 7 a.m. Noises occurring at night generally produce greater annoyance than the same levels that occur during the day.

Table 2

Fresnel Number Calculations

Location	Height of Train Horn (ft)	Height of Residence (ft)	Distance Between Barrier and Railroad (ft)	Distance Between Barrier and Residence (ft)	Height of Barrier (ft)	Variable "a"	Variable "b"	Variable "c"	Path Length Difference	Noise Frequency (Hz)	Noise Frequency (Hz)	Noise Frequency (Hz)	Noise Frequency (Hz)	Fresnel Number N_0 [5]			
														at 125 Hz	at 800 Hz	at 2500 Hz	at 3000 Hz
A[1]	18	6	33	87	20	33	88	120	0.6	125	800	2500	3000	0.1	0.8	2.5	3.0
B[2]	18	6	23	83	20	23	85	107	0.6	125	800	2500	3000	0.1	0.8	2.5	3.0
C[3]	18	6	76	78	20	76	80	155	0.8	125	800	2500	3000	0.2	1.1	3.5	4.2
D[4]	12	6	86	61	20	86	63	147	1.9	125	800	2500	3000	0.4	2.6	8.2	9.8
A	18	6	33	87	25	34	89	120	2.2	125	800	2500	3000	0.5	3.1	9.6	11.5
B	18	6	23	83	25	24	86	107	2.5	125	800	2500	3000	0.5	3.5	10.9	13.1
C	18	6	76	78	25	76	81	155	2.1	125	800	2500	3000	0.5	3.0	9.3	11.2
D	12	6	86	61	25	87	64	147	3.8	125	800	2500	3000	0.8	5.3	16.6	19.9
A	18	6	33	87	30	35	90	120	4.8	125	800	2500	3000	1.0	6.7	20.8	25.0
B	18	6	23	83	30	26	87	107	5.7	125	800	2500	3000	1.2	7.9	24.7	29.6
C	18	6	76	78	30	77	82	155	4.1	125	800	2500	3000	0.9	5.7	17.8	21.3
D	12	6	86	61	30	88	66	147	6.4	125	800	2500	3000	1.4	8.9	27.8	33.3
A	18	6	33	87	35	37	92	120	8.2	125	800	2500	3000	1.8	12	36	43
B	18	6	23	83	35	29	88	107	9.8	125	800	2500	3000	2.1	14	43	51
C	18	6	76	78	35	78	83	155	6.6	125	800	2500	3000	1.4	9	29	35
D	12	6	86	61	35	89	68	147	9.5	125	800	2500	3000	2.1	13	42	50
A	18	6	33	87	40	40	93	120	12.5	125	800	2500	3000	2.7	17	54	65
B	18	6	23	83	40	32	90	107	14.8	125	800	2500	3000	3.2	21	65	78
C	18	6	76	78	40	79	85	155	9.7	125	800	2500	3000	2.1	14	42	51
D	12	6	86	61	40	91	70	147	13.2	125	800	2500	3000	2.9	19	58	69
A	18	6	33	87	45	43	95	120	17.4	125	800	2500	3000	3.8	24	76	91
B	18	6	23	83	45	35	92	107	20.5	125	800	2500	3000	4.5	29	89	107
C	18	6	76	78	45	81	87	155	13.4	125	800	2500	3000	2.9	19	58	70
D	12	6	86	61	45	92	72	147	17.5	125	800	2500	3000	3.8	24	76	92
A	18	6	33	87	50	46	97	120	22.9	125	800	2500	3000	5.0	32	100	120
B	18	6	23	83	50	39	94	107	26.6	125	800	2500	3000	5.8	37	116	140
C	18	6	76	78	50	82	90	155	17.5	125	800	2500	3000	3.8	24	76	92
D	12	6	86	61	50	94	75	147	22.2	125	800	2500	3000	4.9	31	97	116

P:\P\Pico Rivera\Noise 04-9557A\SBW Design\[Noise barrier Report Table (04-9557A)-new.xls]Table 2

(1) A is the intersection of Pico Vista Road and Rivera Road (2) B is the intersection of Cord Street and Rivera Road
(3) C is the intersection of Passion Street and Rivera Road (4) D is the intersection of Lemoran Street and Rivera Road

(5). Fresnel number (N_0) is a dimensionless value used in predicting the attenuation provided by a noise barrier positioned between a source and receiver; it is computed as follows: $N_0=2(f_0/C)$
Where:
f is the frequency of sound emanating from the source;
N_0 is the path length difference along the path determined by a particular source-barrier-receiver geometry;
C is the speed of sound (here we assume at the condition of 25C, RH at 50%, using 1145.1ft/sec.

Table 3

Barrier Attenuation Estimates at Various Barrier Heights

		Variables				Fresnel Number				Barrier Attenuation (dB)			
	Location	Height of Train Horn (ft)	Height of Residence (ft)	Distance Between Barrier and Railroad (ft)	Distance Between Barrier and Residence (ft)	at 125 Hz	at 800 Hz	at 2500 Hz	at 3000 Hz	Noise Frequency at 125 Hz	Noise Frequency at 800 Hz	Noise Frequency at 2500 Hz	Noise Frequency at 3000 Hz
Height of Barrier 20 ft	A	18	6	33	87	0.1	0.8	2.5	3.0	5.0	8.0	12	13
	B	18	6	23	83	0.1	0.8	2.5	3.0	5.0	8.0	12	13
	C	18	6	76	78	0.2	1.1	3.5	4.2	6.0	10	13	13
	D	12	6	86	61	0.4	2.6	8.2	9.8	8.0	12	16	18
Height of Barrier 25 ft	A	18	6	33	87	0.5	3.1	10	11	8.0	13	17	18
	B	18	6	23	83	0.5	3.5	11	13	8.0	13	18	18
	C	18	6	76	78	0.5	3.0	9	11	8.0	13	17	18
	D	12	6	86	61	0.8	5.3	17	20	9.0	13	18	18
Height of Barrier 30 ft	A	18	6	33	87	1.0	6.7	21	25	10	14	18	18
	B	18	6	23	83	1.2	7.9	25	30	10	15	18	18
	C	18	6	76	78	0.9	5.7	18	21	10	13	18	18
	D	12	6	86	61	1.4	8.9	28	33	11	16	18	18
Height of Barrier 35 ft	A	18	6	33	87	1.8	12	36	43	11	18	18	18
	B	18	6	23	83	2.1	14	43	51	12	18	18	19
	C	18	6	76	78	1.4	9.2	29	35	11	17	18	18
	D	12	6	86	61	2.1	13	42	50	12	18	18	19
Height of Barrier 40 ft	A	18	6	33	87	2.7	17	54	65	12	18	19	20
	B	18	6	23	83	3.2	21	65	78	13	18	19	20
	C	18	6	76	78	2.1	14	42	51	12	18	18	19
	D	12	6	86	61	2.9	19	58	69	13	18	20	20
Height of Barrier 45 ft	A	18	6	33	87	3.8	24	76	91	13	18	20	20
	B	18	6	33	83	3.8	24	76	91	13	18	20	20
	C	18	6	23	78	4.5	29	89	107	13	18	20	20
	D	12	6	76	61	2.9	19	58	70	13	18	19	20
Height of Barrier 50 ft	A	18	6	33	87	5.0	32	100	120	13	18	20	20
	B	18	6	23	83	5.8	37	116	140	14	18	20	20
	C	18	6	76	78	3.8	24	76	92	13	18	20	20
	D	12	6	86	61	4.9	31	97	116	13	18	20	20

P:\P\Pico Rivera\Noise 04-9557A\SBW Design\[Noise barrier Report Table (04-9557A)-new.xls]Table 3

EXISTING TRAFFIC CONDITIONS

This section describes in detail existing traffic conditions at the seven proposed grade separation locations. Discussion includes current traffic volumes, roadway geometrics and current operating conditions.

Passons Boulevard

Passons Boulevard is a two-lane facility which runs in the north-south direction. Figure 2 shows the study area and the local traffic circulation system. In the vicinity of the rail crossing, Passons Boulevard is fronted primarily with residential and neighborhood commercial uses. Based on recent traffic counts, Passons Boulevard near the BNSF rail crossing currently carries approximately 1,160 vehicles (315 northbound and 845 southbound) during the AM peak hour. During the PM peak hour, Passons Boulevard carries approximately 855 vehicles (445 northbound and 410 southbound). Figure 2 also shows the existing peak hour traffic volumes.

As part of the proposed Triple Track/Grade Separation project, the current at-grade crossing at Serapis Avenue is proposed to be permanently closed to vehicular traffic. Serapis Avenue is a two-lane local roadway which runs parallel to and west of Passons Boulevard. Within the study area, Serapis Avenue is fronted primarily by residential uses north of the rail crossing and commercial uses south of the rail crossing. Traffic counts along Serapis Avenue show that the facility carries approximately 215 AM peak hour vehicles (75 northbound and 140 southbound) and 305 PM peak hour vehicles (160 northbound and 145 southbound). Figure 2 also shows the AM and PM peak hour traffic volumes along other key roadways within the study area.

Pioneer Boulevard

Within the study area, Pioneer Boulevard is a four-lane roadway aligned in the north-south direction. Land uses along Pioneer Boulevard near the rail crossings are primarily residential with some commercial. Figure 3 shows the local traffic circulation system within the study area and existing traffic volumes along the major roadways. As can be seen, Pioneer Boulevard carries approximately 1,532 vehicles (584 northbound and 948 southbound) during the AM peak hour, 978 vehicles (478 northbound and 500 southbound) during the midday peak hour, and 1,544 vehicles (755 northbound and 789 southbound) during the PM peak hour.

Norwalk Boulevard

Within the study area, Norwalk Boulevard is a four-lane roadway aligned in the north-south direction. Land uses along this roadway are primarily commercial. Figure 3 also shows existing traffic volumes along Norwalk Boulevard near the BNSF rail crossing. As shown, Norwalk Boulevard carries approximately 1,688 vehicles (736 northbound and 952 southbound) during the AM peak hour, 1,539 vehicles (752 northbound and 787 southbound) during the midday peak hour, and 2,262 vehicles (1,157 northbound and 1,105 southbound) during the PM peak hour.

Los Nietos Road

Los Nietos Road, within the study area, is a four-lane roadway that is aligned in the east-west direction and is fronted by commercial use. Figure 3 shows existing traffic volumes along Los

Table 4

CNEL Calculations Using the Sound Pressure Level Obtained from 8:56:40 AM to 7:00:00 PM on April 19, 2001

CNEL (dB) of Total Monitoring Period (8:56:20 am, April 19 - 8:52:20 am, April 20, 2001)				71.5
Time	Lavg	Lmax	Lmax-CNEL	Lmax-CNEL Calculation
8:56:40 AM	57.2	63.6	63.6	0.78
8:56:50 AM	48.5	49.7	49.7	0.11
8:57:00 AM	50.3	52.3	52.3	0.16
8:57:10 AM	57.1	62.9	62.9	0.71
8:57:20 AM	63.6	65.5	65.5	1.02
8:57:30 AM	67.2	71.5	71.5	2.33
8:57:40 AM	59.8	63.0	63.0	0.72
8:57:50 AM	58.4	61.2	61.2	0.56
8:58:00 AM	72.0	74.6	74.6	3.59
8:58:10 AM	67.3	74.0	74.0	3.30
8:58:20 AM	55.0	59.1	59.1	0.42
8:58:30 AM	51.0	51.8	51.8	0.15
8:58:40 AM	52.7	54.7	54.7	0.23
8:58:50 AM	55.8	58.1	58.1	0.36
8:59:00 AM	58.9	61.1	61.1	0.55
8:59:10 AM	61.0	63.2	63.2	0.74
8:59:20 AM	58.7	61.2	61.2	0.56
8:59:30 AM	55.3	59.1	59.1	0.42
8:59:40 AM	51.2	56.2	56.2	0.28
8:59:50 AM	47.9	49.8	49.8	0.12
9:00:00 AM	46.6	47.4	47.4	0.08
9:00:10 AM	45.4	46.1	46.1	0.07
9:00:20 AM	46.4	47.4	47.4	0.08
9:00:30 AM	46.6	47.2	47.2	0.08
9:00:40 AM	46.9	48.1	48.1	0.09
9:00:50 AM	48.7	50.0	50.0	0.12
9:01:00 AM	54.5	63.0	63.0	0.72
9:01:10 AM	49.5	51.4	51.4	0.14
9:01:20 AM	52.5	54.7	54.7	0.23
9:01:30 AM	49.6	51.6	51.6	0.15
9:01:40 AM	48.0	49.3	49.3	0.11
9:01:50 AM	47.0	48.7	48.7	0.10
9:02:00 AM	48.2	49.8	49.8	0.12
9:02:10 AM	50.3	52.3	52.3	0.16
9:02:20 AM	51.0	52.5	52.5	0.17
9:02:30 AM	49.7	52.4	52.4	0.17
9:02:40 AM	50.6	53.0	53.0	0.18
9:02:50 AM	48.8	50.6	50.6	0.13
9:03:00 AM	57.4	63.5	63.5	0.77
9:03:10 AM	52.3	56.3	56.3	0.28
9:03:20 AM	50.7	51.7	51.7	0.15
9:03:30 AM	48.9	50.0	50.0	0.12
9:03:40 AM	46.7	48.3	48.3	0.09

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Additional monitoring data are truncated at this table, and will be provided upon request.

Table 5

CNEL Calculations Using the Sound Pressure Level Obtained from 7:00:00 PM to 10:00:00 PM on April 19, 2001

Time	Lavg	Lmax	Lmax-CNEL	Lmax-CNEL Calculation
7:00:00 PM	51.6	52.1	57.1	0.32
7:00:10 PM	52.8	53.3	58.3	0.37
7:00:20 PM	54.0	56.4	61.4	0.58
7:00:30 PM	56.0	59.0	64.0	0.83
7:00:40 PM	64.1	67.0	72.0	2.50
7:00:50 PM	64.0	67.2	72.2	2.57
7:01:00 PM	59.0	62.9	67.9	1.42
7:01:10 PM	54.3	55.9	60.9	0.54
7:01:20 PM	52.1	54.8	59.8	0.46
7:01:30 PM	52.9	54.8	59.8	0.46
7:01:40 PM	54.9	56.0	61.0	0.54
7:01:50 PM	56.8	57.8	62.8	0.70
7:02:00 PM	55.7	57.0	62.0	0.63
7:02:10 PM	54.1	55.2	60.2	0.49
7:02:20 PM	57.9	62.1	67.1	1.27
7:02:30 PM	64.4	66.6	71.6	2.37
7:02:40 PM	62.4	64.1	69.1	1.67
7:02:50 PM	58.8	60.9	65.9	1.07
7:03:00 PM	57.0	59.3	64.3	0.86
7:03:10 PM	58.6	63.3	68.3	1.50
7:03:20 PM	63.3	65.4	70.4	2.00
7:03:30 PM	61.7	65.1	70.1	1.92
7:03:40 PM	60.5	64.2	69.2	1.70
7:03:50 PM	63.9	70.6	75.6	4.12
7:04:00 PM	54.1	54.8	59.8	0.46
7:04:10 PM	53.7	54.9	59.9	0.47
7:04:20 PM	52.2	53.3	58.3	0.37
7:04:30 PM	52.1	53.5	58.5	0.38
7:04:40 PM	54.5	54.9	59.9	0.47
7:04:50 PM	58.2	60.0	65.0	0.95
7:05:00 PM	60.0	62.0	67.0	1.25
7:05:10 PM	59.4	61.3	66.3	1.14
7:05:20 PM	57.5	63.1	68.1	1.46
7:05:30 PM	53.1	58.1	63.1	0.73
7:05:40 PM	50.9	51.8	56.8	0.30
7:05:50 PM	50.5	51.1	56.1	0.28
7:06:00 PM	52.4	54.3	59.3	0.43
7:06:10 PM	56.1	58.5	63.5	0.77
7:06:20 PM	57.8	59.8	64.8	0.92
7:06:30 PM	56.3	58.1	63.1	0.73
7:06:40 PM	55.6	56.8	61.8	0.61
7:06:50 PM	53.4	54.4	59.4	0.44
7:07:00 PM	52.9	54.1	59.1	0.42
7:07:10 PM	53.7	54.8	59.8	0.46
7:07:20 PM	53.3	54.2	59.2	0.42
7:07:30 PM	54.5	56.5	61.5	0.58

P:\P\Pico Rivera\Noise 04-9557A\SBW Design\[Noise barrier Report Table (04-9557A)-new.xls]Table 5

Additional monitoring data are truncated at this table, and will be provided upon request.

Table 6

CNEL Calculations Using the Sound Pressure Level Obtained from 10:00:00 PM to 07:00:00 AM on April 19 to 20, 2001

Time	Lavg	Lmax	Lmax-CNEL	Lmax-CNEL Calculation
10:00:00 PM	53.7	55.2	65.2	1.0
10:00:10 PM	54.5	56.4	66.4	1.2
10:00:20 PM	58.5	63.5	73.5	3.1
10:00:30 PM	62.6	64.6	74.6	3.6
10:00:40 PM	59.5	61.4	71.4	2.3
10:00:50 PM	57.2	58.9	68.9	1.6
10:01:00 PM	54.4	56.4	66.4	1.2
10:01:10 PM	59.1	66.8	76.8	4.9
10:01:20 PM	58.6	65.5	75.5	4.1
10:01:30 PM	55.1	56.7	66.7	1.2
10:01:40 PM	55.0	56.9	66.9	1.2
10:01:50 PM	60.7	65.5	75.5	4.1
10:02:00 PM	65.1	66.5	76.5	4.7
10:02:10 PM	63.7	65.2	75.2	3.9
10:02:20 PM	60.6	64.0	74.0	3.3
10:02:30 PM	54.4	56.5	66.5	1.2
10:02:40 PM	54.6	56.2	66.2	1.1
10:02:50 PM	56.6	63.4	73.4	3.0
10:03:00 PM	55.5	61.9	71.9	2.5
10:03:10 PM	55.1	57.0	67.0	1.3
10:03:20 PM	53.1	54.7	64.7	0.9
10:03:30 PM	53.4	55.8	65.8	1.1
10:03:40 PM	55.0	61.4	71.4	2.3
10:03:50 PM	58.6	63.1	73.1	2.9
10:04:00 PM	59.5	60.1	70.1	1.9
10:04:10 PM	60.6	64.5	74.5	3.5
10:04:20 PM	55.3	57.4	67.4	1.3
10:04:30 PM	53.5	54.5	64.5	0.9
10:04:40 PM	53.6	54.1	64.1	0.8
10:04:50 PM	52.0	53.4	63.4	0.8
10:05:00 PM	50.9	51.4	61.4	0.6
10:05:10 PM	52.2	53.1	63.1	0.7
10:05:20 PM	53.2	54.8	64.8	0.9
10:05:30 PM	57.3	62.1	72.1	2.5
10:05:40 PM	82.3	91.8	101.8	155.7
10:05:50 PM	91.2	99.5	109.5	452.8
10:06:00 PM	80.5	84.6	94.6	57.4
10:06:10 PM	75.6	77.6	87.6	21.7
10:06:20 PM	73.6	76.7	86.7	19.2
10:06:30 PM	73.0	76.1	86.1	17.7
10:06:40 PM	74.3	76.6	86.6	18.9
10:06:50 PM	73.3	74.6	84.6	14.3
10:07:00 PM	75.6	79.0	89.0	26.4
10:07:10 PM	74.0	77.7	87.7	22.1
10:07:20 PM	79.3	82.0	92.0	40.0
10:07:30 PM	71.9	78.2	88.2	23.6

P:\P\Pico Rivera\Noise 04-9557A\SBW Design\[Noise barrier Report Table (04-9557A)-new.xls]Table 6

Additional monitoring data are truncated at this table, and will be provided upon request.

Table 7

CNEL Calculations Using the Sound Pressure Level Obtained from 7:00:00 AM to 8:52:20 AM on April 20, 2001

Time	Lavg	Lmax	Lmax-CNEL	Lmax-CNEL Calculation
7:00:00 AM	54.5	55.2	55.2	0.24
7:00:10 AM	55.5	57.7	57.7	0.34
7:00:20 AM	54.9	56.8	56.8	0.30
7:00:30 AM	59.5	64.1	64.1	0.84
7:00:40 AM	56.2	58.7	58.7	0.40
7:00:50 AM	57.4	60.6	60.6	0.52
7:01:00 AM	55.0	55.5	55.5	0.25
7:01:10 AM	54.4	55.6	55.6	0.26
7:01:20 AM	54.7	55.8	55.8	0.26
7:01:30 AM	54.7	56.3	56.3	0.28
7:01:40 AM	54.6	55.1	55.1	0.24
7:01:50 AM	54.4	55.4	55.4	0.25
7:02:00 AM	54.7	55.6	55.6	0.26
7:02:10 AM	54.4	55.1	55.1	0.24
7:02:20 AM	54.6	55.8	55.8	0.26
7:02:30 AM	54.9	55.9	55.9	0.27
7:02:40 AM	54.2	55.9	55.9	0.27
7:02:50 AM	54.0	55.7	55.7	0.26
7:03:00 AM	54.3	55.2	55.2	0.24
7:03:10 AM	54.8	55.2	55.2	0.24
7:03:20 AM	54.9	57.3	57.3	0.33
7:03:30 AM	58.8	62.8	62.8	0.70
7:03:40 AM	56.5	57.1	57.1	0.32
7:03:50 AM	56.3	57.8	57.8	0.35
7:04:00 AM	55.4	57.3	57.3	0.33
7:04:10 AM	55.5	56.2	56.2	0.28
7:04:20 AM	55.4	55.9	55.9	0.27
7:04:30 AM	64.7	71.9	71.9	2.47
7:04:40 AM	69.0	74.8	74.8	3.69
7:04:50 AM	68.2	75.6	75.6	4.12
7:05:00 AM	58.1	60.5	60.5	0.51
7:05:10 AM	62.3	64.2	64.2	0.85
7:05:20 AM	60.9	62.6	62.6	0.68
7:05:30 AM	56.1	58.4	58.4	0.38
7:05:40 AM	55.1	55.8	55.8	0.26
7:05:50 AM	54.1	55.0	55.0	0.24
7:06:00 AM	54.6	56.0	56.0	0.27
7:06:10 AM	54.1	55.8	55.8	0.26
7:06:20 AM	53.8	55.2	55.2	0.24
7:06:30 AM	54.4	55.6	55.6	0.26
7:06:40 AM	54.7	55.6	55.6	0.26
7:06:50 AM	55.5	56.4	56.4	0.29
7:07:00 AM	55.2	56.2	56.2	0.28
7:07:10 AM	55.1	55.8	55.8	0.26
7:07:20 AM	55.6	56.8	56.8	0.30
7:07:30 AM	57.9	59.3	59.3	0.43

P:\P\Pico Rivera\Noise 04-9557A\SBW Design\[Noise barrier Report Table (04-9557A)-new.xls]Table 7

Additional monitoring data are truncated at this table, and will be provided upon request.

Table 8

Predicted CNEL Values (dB) for Various Noise Barrier Heights at Different Frequencies

	Location	Noise Frequency at 125 Hz	Noise Frequency at 800 Hz	Noise Frequency at 2500 Hz	Noise Frequency at 3000 Hz
Height of Barrier 20 ft	A	67	64	60	59
	B	67	64	60	59
	C	66	62	59	59
	D	64	60	56	54
Height of Barrier 25 ft	A	64	59	55	54
	B	64	59	54	54
	C	64	59	55	54
	D	63	59	54	54
Height of Barrier 30 ft	A	62	58	54	54
	B	62	57	54	54
	C	62	59	54	54
	D	61	56	54	54
Height of Barrier 35 ft	A	61	54	54	54
	B	60	54	54	53
	C	61	55	54	54
	D	60	54	54	53
Height of Barrier 40 ft	A	60	54	53	52
	B	59	54	53	52
	C	60	54	54	53
	D	59	54	52	52
Height of Barrier 45 ft	A	59	54	52	52
	B	59	54	52	52
	C	59	54	52	52
	D	59	54	53	52
Height of Barrier 50 ft	A	59	54	52	52
	B	58	54	52	52
	C	59	54	52	52
	D	59	54	52	52

P:\P\Pico Rivera\Noise 04-9557A\SBW Design\[Noise barrier Report Table (04-9557A)-new.xls]Table 8

FIGURES

Figure 1. Noise Barrier and Sound Transmission Path

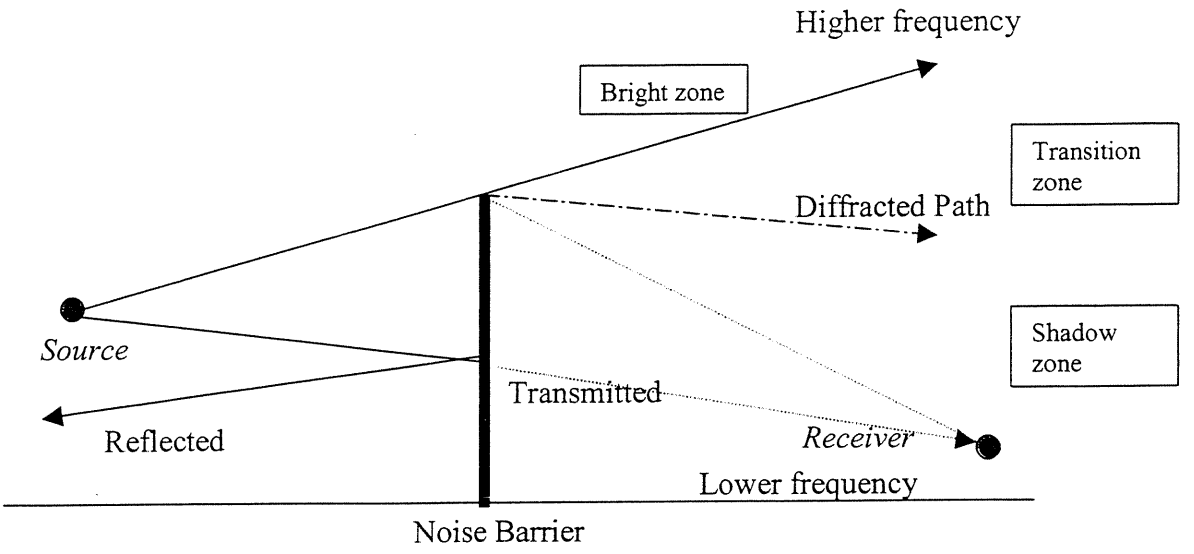

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Figure 2. Path Length Difference

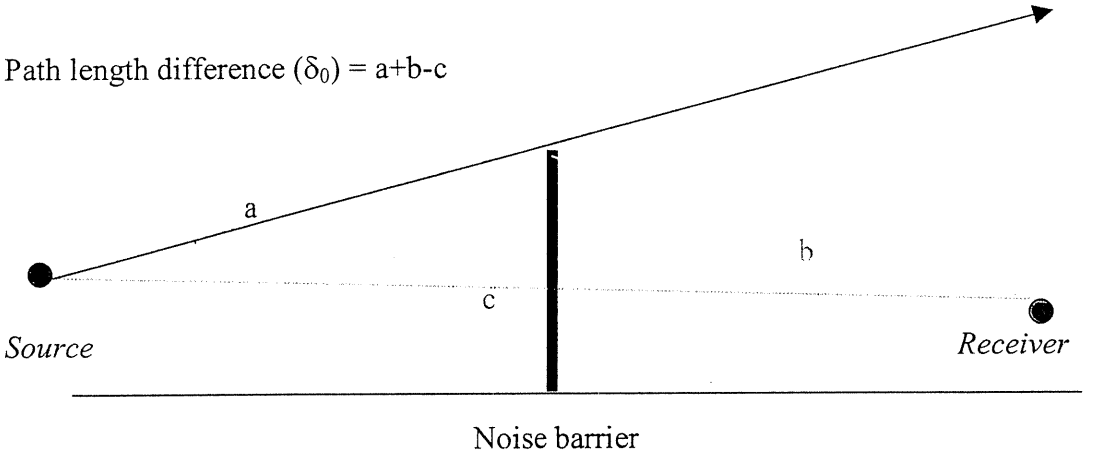

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Figure 3. Fresnel Number Versus Barrier Attenuation

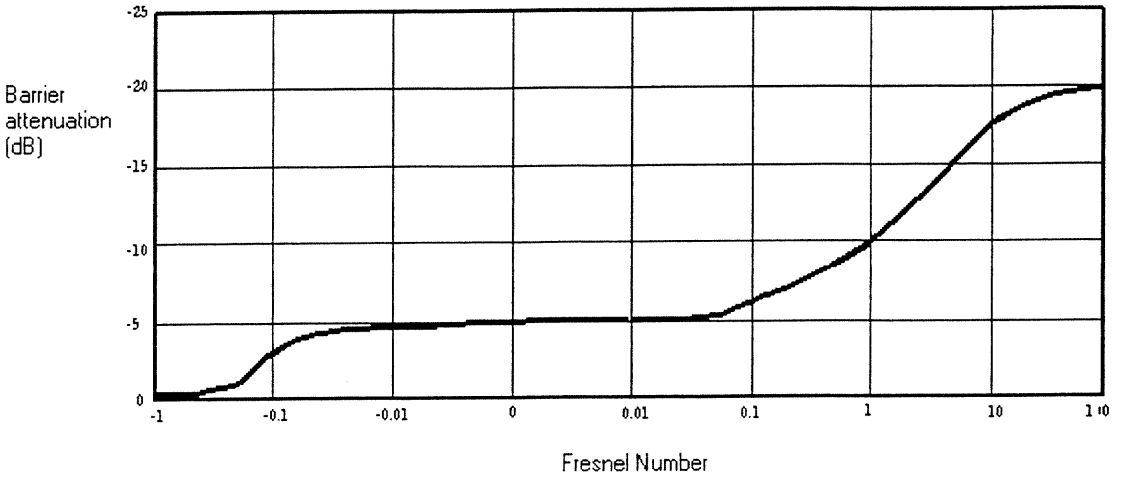

Figure 4. Barrier Length Versus Distance of Receiver

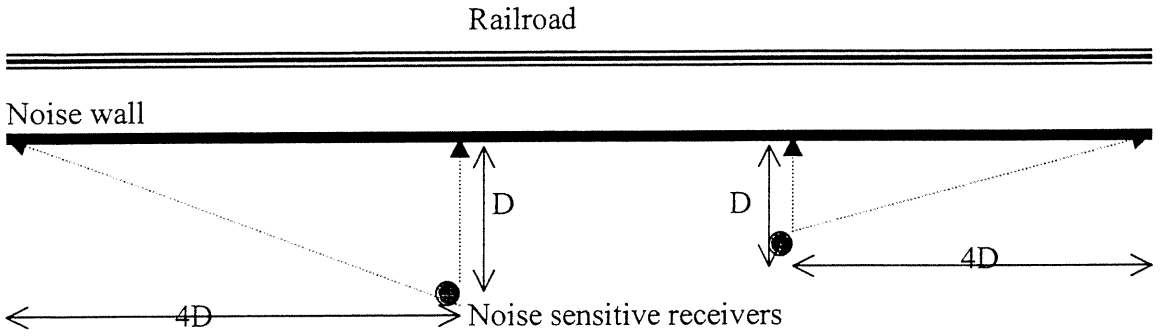

Figure 5. Barrier Ends Curved Toward Community

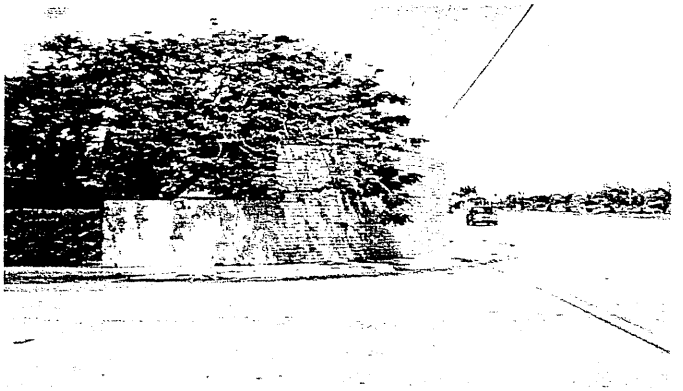

Figure 6. Barrier Attachments/Reinforcement Details

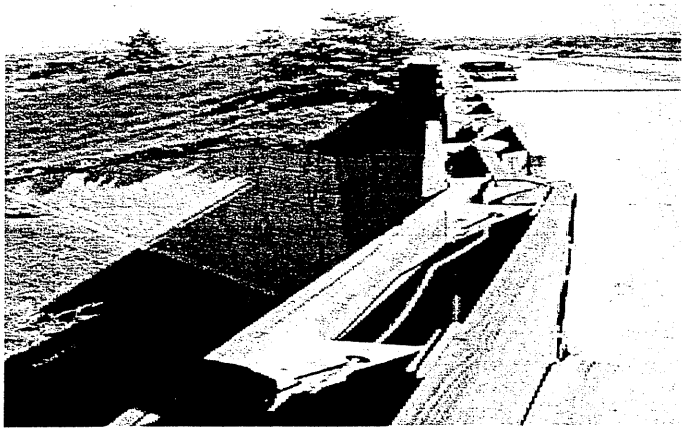

Figure 7. Example of Access Door

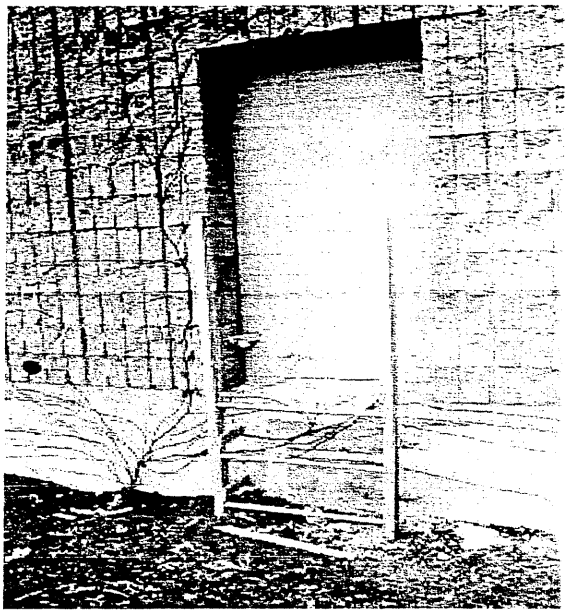

Figure 8. Example of Access Door

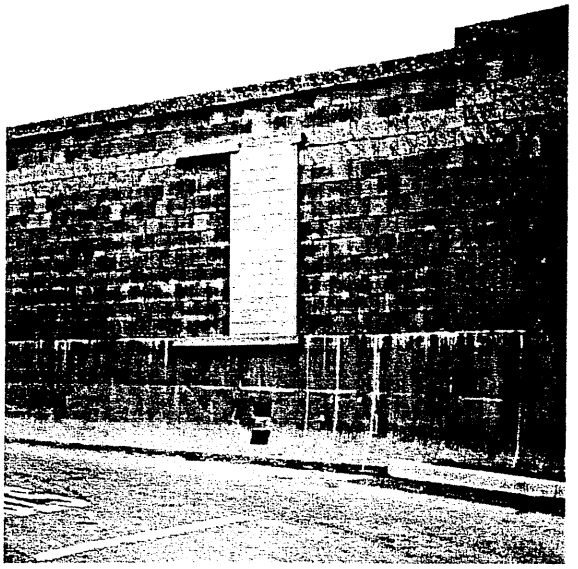

Figure 9. Example of Fire Hose Connection

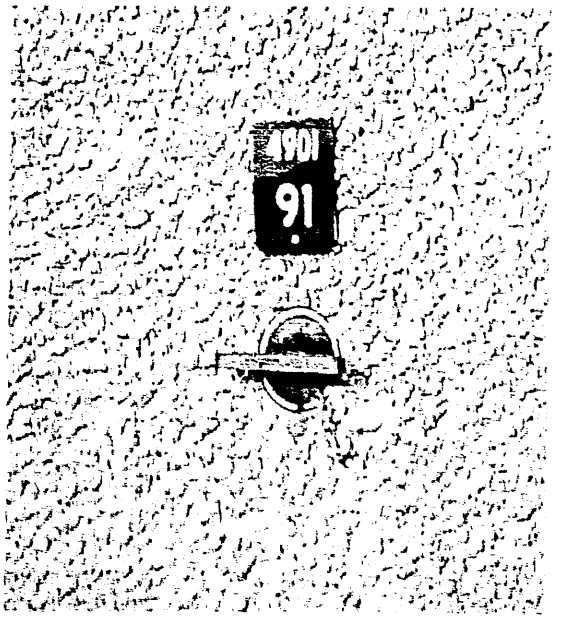

Figure 10. Example of Fire Hose Connection